



Founded in 1947

QCWA Journal

VOLUME XLX

Spring - 2001

NUMBER 1



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JOURNAL

Spring 2001/Vol. XLX No 1

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2000E on 7035

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Cover: The Magnificent Fred Hammond Memorial Station VE3HC in the Hammond Museum was the popular destination of Toronto 2000 National Convention attendees in October. Pictured here is Martin Rosenthal VE3MR of Chapter 73.

The 2001 QCWA Convention



A Caribbean Cruise by Chapter 162

Check it out on pages 28 and 29

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| Earl R. Thomas, W2MM (SK) | 1965 - 1968 |
| Clarence Seid, W2KW | 1969 - 1971 |
| Barry Goldwater, K7UGA (SK) | 1972 - 1973 |
| Frank A. Gunther, W2ALS (SK) | 1974 - 1977 |
| Harry S. Gartsman, W6ATC | 1978 - 1981 |
| Stuart Meyer, W2GHK (SK) | 1982 - 1985 |
| Leland Smith, W5KL | 1986 - 1989 |
| Harry Dannals, W2HD | 1989 - 1994 |
| Lew McCoy, W1ICP (SK) | 1994 - 1996 |
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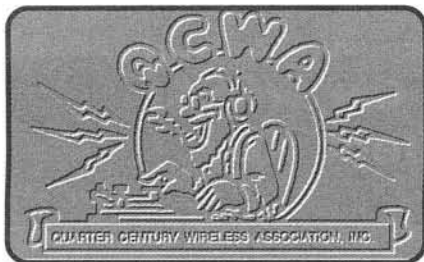
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| | |
|---------------------------|-------------|
| Ralph Barber, W2ZM (SK) | 1955 - 1964 |
| Gus Gironda, W2JE (SK) | 1965 - 1973 |
| Ethel Smith, K4LMB (SK) | 1974 - 1976 |
| Ted Heithecker, W5EJ (SK) | 1976 - 1991 |

The QCWA Journal

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44 Western Lane, Amherst,
MA 01002 (October 1-May
1), 6002 N. Fremont, Tampa,
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The Quarter Century Wireless Association

The Quarter Century Wireless Association, Inc. was founded December 5, 1947, as a non-commercial association of radio amateurs organized for the promotion of interest in Amateur Radio communication and experimentation, for the establishment and advancement of the radio art and of the public welfare.

QCWA is an incorporated association without capital stock chartered under the laws of the State of New York, and is a tax exempt 501(C)3 organization under the Internal Revenue Code of 1986.

Its affairs are governed by a President, Vice President, Secretary, Treasurer and a Board of Directors, whose voting members are elected every two years by the general membership.

In order to qualify for membership in QCWA one must have demonstrable proof of having been first licensed as an Amateur Radio operator at least 25 years prior to application for membership and must be currently licensed.

Membership inquiries and general correspondence should be addressed to the business office at 159 E. 16th Ave., Eugene, OR 97401-4017 USA. Telephone, 541-683-0987. Fax, 541-683-4181.



From the President

Gary R. Harrison, KØBC



During the Board meeting and member forum at the Toronto Convention a lengthy discussion was held about the possibility of adding a new level of membership. Dallas Chapter 41 submitted a letter to the Board asking that another level of membership be created that would allow less than twenty-five years of licensing. Chapter 41 also requested if it could not be done that chapters be allowed to create a new level of chapter membership. The only method of creating another level of membership that does not have a requirement of twenty-five years of licensing is to amend the QCWA Constitution.

The QCWA Constitution states in ARTICLE II MEMBERSHIP, Section 2.: Any person is eligible for membership who submits satisfactory proof that he or she is at present a licensed Amateur Radio (wireless) operator, that he or she was licensed as such twenty-five or more years prior to making application and who, upon submitting an application, is approved as provided in the By-Laws of the Association.

As you can see Article II, Section 2 of the Constitution is very definite about the membership requirements. To amend the Constitution, a vote of the membership is required. This is a somewhat lengthy and expensive process involving mailing ballots to the members.

The QCWA By-Laws state in ARTICLE VII CHAPTERS, Section 2. The requirement for a Chapter shall be as follows: Each Chapter member must be a member in good standing of the Quarter Century Wireless Association, Inc.

The Board agreed that the requirements from the Constitution and By-Laws should not discourage guests from attending Chapter meetings. After the member forum discussion it seems apparent to me that most chapters do encourage guests at their meetings. I believe that guests should be welcome to attend chapter meetings and functions as well as participate in QCWA Conventions, Nets and QSO parties. BUT when a guest is or becomes qualified to be a member, he or she should also be encouraged to join both QCWA and the local chapter.

I need to hear from the membership as to whether QCWA should offer Associate Memberships, and if so what eligibility requirements and membership privileges should be provided. Your responses will be discussed by the Board of Directors and if there is sufficient interest and justification for a new class of Associate Memberships, an amendment to the QCWA Constitution will be seriously considered for a vote of the entire membership. My address is included in the list of QCWA Officers and Board of Directors on page 2 of each issue of the Journal.

It seems like we have just completed one election cycle and already started a new one. The QCWA Board of Directors serve for a two-year term and it is time to look for candidates for the 2002 - 2004 term. The nominating committee is now in the process of accepting recommendations or volunteers for the next term. Please let us know if you or your Chapter would like to recommend a candidate for one of the Officer or Director positions. All candidates must have either email or fax equipment to participate in the Board's normal day-to-day business. There will also be some personal expense involved in serving on the Board. All Board members must attend Board meetings (minimum of 1 per year), which will require personal travel and expense. If you are interested in making a recommendation, please send the information to the nominating committee chairman John Huntoon, W1RW. You may use the following email address johunt@snet.net for further information. You may use this address for regular mail: John Huntoon, W1RW; 574 Hills Street; East Hartford, CT 06118-3030.

WANTED
Information on Robert L. Drake

Recently, Laura Drake, the granddaughter of Robert L. Drake, contacted the Editor. She is compiling a history of her grandfather and his contributions to radio for a book she is writing.

I told her that it is possible that some of our QCWA members may have known him personally or even worked with him.

If any of you have ANY information on Mr. Drake, personal anecdotal information, stories you know to be true or even know someone, who knew someone that knew Robert L. Drake; please pass the information on to:

Laura M. Drake

8 E. Park Ave.

Lebanon, Ohio 45036

Or e-mail her at: marthel@go-concepts.com

Chapter 91 Smoke Signals Online

After some serious fiddling and dinking, Dick Rucker KM4ML has pronounced the Chapter 91 website fit for human consumption. At the time of this writing, the home page shows the Winter Edition of "Smoke Signals", the excellent newsletter of Chapter 91.

The website includes a downloadable photos page and biographies of chapter members, the constitution and bylaws, forms, history, a map to the chapter's meeting location, member and subscriber recruiting, meeting minutes and Sunday morning 2-meter net.

According to Dick, he will soon add a calendar of upcoming events and is open to suggestions for other additions.

The website is quite impressive and the graphic presentation of the photographs is excellent. See it for yourself at:

<http://homepage.mac.com/rucker/>

QCWA HISTORICAL MATERIAL WANTED

It is important that we preserve any or all material pertaining to the history of the QCWA for posterity. If you have items to contribute to the historical record of the QCWA organization, please contact:

Historian Wesley Randles, W4COW

6002 N. Fremont

Tampa, FL 33604

Ph: 813-870-0867

e-mail: w4gxz4@juno.com

Bill Orr W6SAI
Silent Key

Well-known ham radio author and longtime CQ magazine columnist Bill Orr, W6SAI, passed away at his home on January 24. Orr, who was 81, lived in Menlo Park, California. His radio-related books (some of which were co-authored with longtime friend Stu Cowan, W2LX) included the "Radio Handbook," the "Beam Antenna Handbook," "All About Cubical Quads" and "The W6SAI HF Antenna Handbook." He wrote two columns for CQ, "Antennas" from 1973-1980, and "Radio FUNDamentals" from 1990 to 1998. In between, he was a columnist for Ham Radio magazine. In January, 1995, he and Joe Lynch, N6CL, wrote the only comprehensive post-World War II history of amateur radio in the 50th Anniversary issue of CQ.

First licensed as W2HCE in 1934, Bill started out on 160 meters, then discovered DX on 20 and received an early "WAC Phone" award for making voice contacts with all continents — a much more difficult task in the 1930s than it is today. In 1938, he moved to California, where he received W6SAI, the callsign he retained for the rest of his life. During World War II, Bill worked in Douglas Aircraft's Radio Test Department, and after the war, he worked briefly for the Missile Division of Hughes Aircraft before joining vacuum tube manufacturer Eitel-McCulloch (Eimac), where he worked for 28 years until his retirement.

On the ham bands, Bill reactivated his station as quickly as possible after wartime restrictions were lifted, and in short order earned ARRL DXCC Award #17 and CQ WAZ Award #4. He was part of the original Project OSCAR team responsible for designing, building and launching the first ham radio satellite, OSCAR-1. Bill was also part of the first-ever 1296-MHz Earth-Moon-Earth contact between W6HB (the Eimac Radio Club) and W1FZJ (the Rhododendrum Swamp Radio Society). In recent years, Bill's favorite bands were 18 and 24 MHz, plus 1296, which he called "the undiscovered band," a favorite ever since that historic EME contact.

Funeral arrangements, etc., are incomplete at this time.

Call for Papers

As usual, the Editor is appealing for articles. Also interesting photographs, short (or long) anecdotal stories, and "How to do" articles. Don't be discouraged if something is not published immediately since each Journal issue has certain priority information that must be addressed. Then space available determines the articles that will be included.

As of this issue, the Journal repository of articles is nearly empty. Send 'em if ya got 'em.

Gerry

Al Gross W8PAL Silent Key



Al Gross W8PAL

The man who brought the world such indispensable wireless communications concepts and devices as the walkie-talkie, pager and cordless telephone has died. Al Gross, W8PAL, of Sun City, Arizona, passed away on December 21. He was 82.

Gross obtained his Amateur Radio license in 1934 at the age of 16. His early interest in Amateur Radio helped set his career choice while he was still a teenager.

Gross pioneered the development of devices that operated in the relatively unexplored VHF and UHF spectrum above 100 MHz. His first invention was a portable hand-held radio transmitter-receiver. Developed in 1938 while he was still in high school in Cleveland, he christened it the "walkie-talkie." The device caught the attention of the US Office of Strategic Services—the forerunner of the Central Intelligence Agency. The OSS recruited Gross, and this led to the invention of a two-way air-to-ground communications system used by the military behind enemy lines during the World War II. The system allowed OSS agents to communicate with high-flying aircraft.

After World War II, Gross set up Gross Electronics Inc to design and build various communications products, some of them under government contracts. He also launched Citizens Radio Corporation to design, develop and manufacture personal wireless transceivers.

Cartoonist Chester Gould asked if he could use Gross' concept of a miniaturized two-way radio in his Dick Tracy comic strip. The result was the Dick Tracy two-way wrist radio.

During the 1950s and 1960s, Gross secured several patents for various portable and cordless telephone devices. In September 1958 Gross Electronics received FCC type approval for mobile and hand-held transceivers for use on the new Class D 27-MHz Citizens Band.

"If you have a cordless telephone or a cellular telephone or a walkie talkie or beeper, you've got one of my patents," Gross once said. He added that if his patents on those technologies hadn't run out in 1971, he'd have been a millionaire several times over.

Over the years, Gross worked as a communications specialist for several large companies. Since 1990, he had worked as a senior engineer for Orbital Sciences Corporation and was still on the payroll there when he died.

Gross received numerous awards and honors during his distinguished career, including the 1992 Fred B. Link Award from the Radio Club of America, the 1997 Marconi Memorial Gold Medal of Achievement from the Veteran Wireless Operators Association, and the 1999 Edwin Howard Armstrong Achievement Award from the Institute of Electrical and Electronics Engineers. In 1998, he received Eta Kappa Nu's Vladimir Karapetoff Eminent Members' Award in recognition of his pioneering contributions to the engineering of personal wireless communications.

Earlier this year he won the Lemelson-MIT Lifetime Achievement Award for invention and innovation and for playing a major role in the wireless personal communications field.

As his IEEE biography put it: "it is clear that Mr. Gross was a true pioneer and helped lead the way to today's wireless personal communications revolution." Al Gross is survived by his wife, Ethel. A burial mass was held December 27 in Sun City.—thanks to The W5YI Report and the IEEE for this information.

Thanks to ARLX014

Phineas Thaddeus Veeblefetzer

Subject of Business & Technology article in U.S News & World Report

A few, if not many of you are familiar with Phineas Thaddeus Veeblefetzer. Even though the QCWA Editor knew him well, the writer never knew of the preposterous handle he assigned to himself. Better known as Al Gross W8PAL (SK), he was cited in a feature article, "Overwhelmed by Tech" (January 15, 2001) as the man who triggered the "endless numbers of personal organizers, portable phones, and multiple-function whatsits no self-respecting millennialist can afford to be without."

Although the excellent article, written by James Lardner, David LaGesse, and Janet Rae-Dupree, briefly discusses Gross' invention of the Walkie-Talkie as the device that started the technological revolution, they speculate that the ordinary consumer has become overwhelmed and saturated by the devices available on the market today.

Many of the devices are packed with computer power and are capable of performing a multitude of functions but users are clueless about many of the functions. Some estimates show

that consumers barely use 35% of the capabilities of any of the new gadgets.

The article goes on to say that all too many of today's devices are complicated beyond belief and rarely compatible with other related appliances. Many of us are acutely aware of the complexities of programming a VCR. That not being sufficiently aggravating, the authors wonder why it often takes 4 remote controls to operate a single television set.

They conclude that the proliferation of gadgets to the marketplace is grinding to a halt given the significant decline in sales over the last holiday season. People are demanding products that are easier to use. People are saying, they write, "Well, thank you very much for your latest gizmo, but we still haven't figured out the last one."

It is an interesting and entertaining article with which most of us electronic guys can identify. And to think, one of our own started it all. The article refers to it as, "Veeblefetzer's revenge."

Gerry Wentz, Editor



Gen. Manager's Report

Jim Walsh, W7LVN

General Manager

Since the last issue of the Journal, we are now at the 28,350 mark in our scanning efforts. This has opened up six file drawers for better use than storing old application files. I keep the original CD ROM disks here at the office in a safe. One copy goes to our Secretary in New England and I have an extra copy at home.

We recently caught a virus that attaches to M/S Script file and you don't even have to open it. Then, depending upon the day of the week it attaches itself to an e-mail address and changes its name and out it goes. If that wasn't enough one of my two hard drives let go. To the Computer hospital we went and came back with a new operating system and a big new hard drive. Then started the fun of reinstalling vital programs and the data from some backup disks just prior to this episode. Just when I thought everything was done an IRQ problem surfaced, but it got solved and the tape backup was installed properly. It is now the 29th of December and I really cannot account for the passing of this month.

You good people really do read this column. So far we have had six requests for the "CARE" package by chapters attending amateur radio events. In the meantime I am getting the boxes ready for Dayton and hope we get to see a lot of you at that big event.

For any of you that had files in my defunct hard drive, I am sorry. I think we were able to reconstruct all that had sent files. If I missed someone, my apologies to you.

Jim, W7LVN

Memorial Scholarship Fund Donations

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| Chapter 63 | W5GM |
| Chapter 53 | WA0HEJ |
| Chapter 49 | WA4RBM |
| Chapter 49 | K4VN |
| Wayne J Flickinger | K4VN |

Coming Events

45th Annual QCWA QSO Party
April 7 and 8, 2001

QCWA HAMVENTION DINNER - FRIDAY, MAY 18

The QCWA Hamvention Dinner, hosted by Chapter 9 (SW-Ohio), will be held on Friday, May 18, 2001 at 7:30 PM. There will be a presentation by Debbie Andersen, "NCR, Joseph Desch and the German Enigma Code Machine". Debbie is the daughter of the late Joseph Desch.

Advanced reservation is required. Cost per person is \$16.00. Send reservation request along with check to:

Ed Sonnanstine

405 Exing Ave.

West Carrollton OH 45449.

Make check out to Ed Sonnanstine, Treasurer (EdSonni@aol.com) The Dinner will be held at Alex's Continental Restaurant, 125 Monarch Lane near Miamisburg. From I-75 south of Dayton take Rt. 725 and go west about 1/2 mile. The restaurant is on your left.

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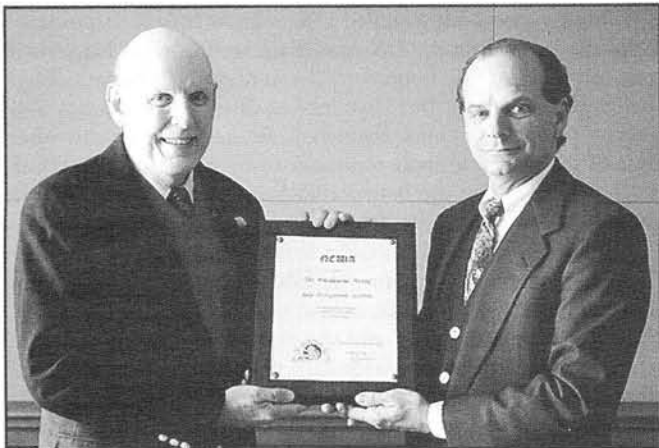
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Presidential Awards

In Ottawa, the QCWA presented Presidential Awards to Riley Hollingsworth K4ZDH - Special Counsel to the FCC Enforcement Bureau and to Joseph P. Casey KB1YX - Chief of the FCC Enforcement Bureau's Technical and Special Services Division of the FCC, for their efforts on behalf of amateur



John B Johnston, W3BE presents the award to Riley Hollingsworth, K4ZDH.



Jack Kelleher, W4ZC, presents the Presidential award to Joseph Casey, KB1YX, Chief of the FCC Enforcement Bureau's Technical and Special Services Division during a special ceremony at FCC Headquarters.



Left to Right: Jack Kelleher, W4ZC; John Johnston, W3BE; Riley Hollingsworth, K4ZDH; and Joseph Casey, KB1YX.

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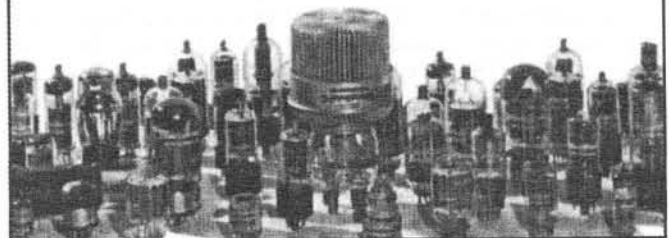
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CQ DX



Chip Margelli, K7JA, DX Editor • 6652 Cerulean Ave. • Garden Grove, CA 92645

Propagation

Although it may turn out that we have passed the "peak" of the current sunspot cycle, that doesn't mean a whole lot in terms of working DX!

Solar-maximum conditions should prevail throughout this year, with excellent DX possibilities continuing unabated. The Spring and Fall seasons should produce rewarding six-meter openings, although it's clear that we will not be seeing massive, widespread openings between Europe or Japan and large areas of North America.

Operators in the southern areas of North America, in particular, should watch ten meters literally at any time of day or night. Openings from the U.S. Southeast into Africa can happen via the short path throughout the night, and the U.S. Southwest will have good opportunities for working Africa via the long path. On particularly good days, operators further up the coast, and further inland, will have a chance, too.

Listen to the IARU beacons on 28.200 MHz for help in spotting openings. The Z21ANB beacon on 28.250.3 MHz is another beacon which I have found particularly helpful.

If ten meters isn't happening, try a CQ or two on 12 meters, or maybe 15. The MUF may be just below ten meters, which means that 12 meters may be in the "sweet spot" just below the MUF where propagation really is hot.

Enjoy the great conditions, because they won't last forever!

Your Calling Procedure

How do you call a DX station? Do you send your CW fast, hoping to slip in between the other guys? On phone, do you send just the last two letters of your call? Or do you just hit the "New Country" switch on your amplifier and blast away (the "New Country" position is the third position, after "CW" and "SSB")?

This may seem like a simple question, but the best way to call a DX station can depend on a lot of factors. And a successful calling procedure can make the difference between getting right through or waiting in line for an hour.

Let's examine some often-found pile-up situations, and see how conditions and distance can affect your calling procedure.

Calling on CW

There are many ways to try to bust through a big CW pile-up. What is needed is a battle plan, based on the path condition, signal strength, and signal characteristics.

If signals are loud, and the path is a non-polar type, your chief challenge is to sneak through the wall of stations being heard by the DX-pedition operator. Different operators, of course, prefer different calling techniques when they are in a remote spot, and the trick is to figure out what the DX operator likes to hear.

Fast or slow? When signals are loud, the rule is to send as fast as the other operator, or maybe a little faster. The great DX

operators, if they are sending manually, can all copy in their head probably 10 words per minute faster than they can accurately manipulate a keyer paddle. Computer keying is another matter, but few DX-pedition operators will send much about 40-42 WPM over the long haul. So go ahead and crank up your keyer, and this will allow you to cram more of your callsign into a two-second calling window.

High or low? Most skilled DXers know how to "zero beat" onto the last station the DX came back to. But what happens if you call right on that frequency? If you're the only bloke calling, you'll get in the log. But if twenty or thirty other stations also call on precisely the same frequency, the net result on the other side of the path is a single tone, caused by all the superimposed dots and dashes on the same audio frequency. So there are two strategies you can follow here.

The first strategy is to call a little higher or lower than the frequency of the last station the DX worked. If you don't get through, listen to where the station that *did* get through is calling. If you called higher and the successful caller called low, then go a little below the frequency of the last successful caller. If the next guy is higher, then stay put: the DX station is hip-hopping back and forth. Analyze the response pattern, and try to anticipate the next place where the DX will be listening.

Is there no pattern? This may indicate that the pile-up is really big, and it may further indicate that too many guys are using the techniques described above. When this happens, you need to do what I call "inverse spotting." Use that "SPOT" button on your rig to find a *hole* in the pile-up, instead of jumping on top of the last guy worked by the DX. The DX station may be looking for "bare spots" in the din, and what you need to do is find one of these holes.

Then comes the question of whether to tail-end, or not. Some DX operators will take tail-enders (those who call at the end of another station's QSO), while others will refuse to acknowledge tail-enders. The best advice here is to move slightly off frequency from the station being worked by the DX, and try a quick, high-speed hit with your callsign. If you're reasonably loud, and the DX station is taking tail-enders, you'll probably get through. If the DX station starts sending "KN" you can bet that this is a sign that tail-ending is not encouraged.

A very different calling situation exists when the DX station is being received over a long polar path. The propagation of a signal over the pole will give the signal a "hollow" and fluttery sound that is familiar to all DXers. The apparent length of each dot and dash being elongated slightly causes this sound, caused by multi-path effects. Imagine what this sounds like to the DX-pedition operator, when there are hundreds of such signals all calling close in frequency to each other.

When this happens, fast sending will only work if you are lucky to be alone on a frequency. The flutter of a CW signal can sound like CW dots, really messing up the ability of the DX operator to get your callsign correctly; if you send your call too fast, parts of it will literally disappear due to flutter.

So slow down, and by this I mean *really* slow down. You can try a few fast calls, if you like, but if you slow way down to about 12-15 WPM and just pound your call into the pile-up, the DX operator will have more of a chance to lock onto your signal, concentrating on getting all the letters and numbers correctly. It's amazing to think that sending more slowly can speed up your chances of getting into a DX log, but having experienced a number of JA pile-ups from the Caribbean, I know that, once the really big signals are in the log, the guys who put more width on their signal are easier to copy.

There are also times when it's better to be lucky than good. About 12 years ago, I came home Sunday afternoon from a business trip, and heard the humungous pile-up on 4J1FS, the first-ever operation from M-V Island (which I would subsequently visit myself in 1989). I believe that Martti Laine, OH2BH, was operating on 14.001 MHz, and the pile-up stretched for dozens of kHz above his frequency. Knowing that I had no chance of getting thru, I just grumbled and spun the dial on my transmit VFO. I sent my call one time with 100 Watts, and back came 4J1FS: "K7JA HI CHIP 5NN!" How hard can it be?

Calling on Phone

In many ways, calling on phone is similar to calling on CW. You need to watch the DX operator's tendencies and preferences, calling higher or lower as the DX station displays an operating pattern. You can even tail-end on phone, if the DX station is responding to such calls.

One calling behavior which is a huge **nuisance** to a DX operator, and one which is utterly **non-productive**, is the "DX net" stunt of sending *only* the last two letters of your callsign. It is a **nuisance** because the DX operator will always be required to ask you to fill in the rest of your call, thus slowing down the QSO rate. It is **non-productive** because there is little chance the DX will hear even these two letters. Think about what the DX operator is hearing: a through of numbers and letters randomly hitting peaks and valleys. A call like "Kilo Lima Seven Mexico Foxtrot" enunciated over two seconds has a better chance of at least partially being heard compared to "Mexico Foxtrot" said in less than one second.

Put another way, if the pile-up is so big that two out of the five letters (40%) of the KL7MF callsign can be picked out by the DX, this means that less than one letter of the "last two letters" caller can be picked out. Do the math. . .then send your complete callsign!

For the same reasons as described during the discussion of polar-path CW calling situations, don't be afraid to stretch out your call a bit. . .many a time I found success in tough pileups, when operating from W7RM, by hitting the microphone with "Double-you Seven Raaayyydiooooo Meeexicooooo" so as to increase the average power being generated.

Regarding phonetics: in a tough pile-up, "cute" phonetics seldom work. The worst thing I could do in a DX dog pile would be to use Kay Seven Jerusalem Artichoke" as my phonetic set. But those of you fortunate enough to have double/triple letters in your call can have an advantage by using well-known monikers like "O H Two Mickey Mouse," "N One Coca Cola," or "November Seven Donald Duck." Use some imagination, yes. But remember that you're trying to trigger an immediate recognition on the part of the DX operator, so don't use "Kay One Zulu Xerox" unless you like to wait.

DX: Also for Those Who Can't Erect Antennas

If you're unable to put up antennas due to covenant or municipal restrictions, finances, or physical limitations, don't give up on the idea of working DX! This part of the sunspot cycle is the perfect chance to try portable operation with temporary antennas. The various antenna handbooks usually generate one or more chapters to mobile, portable, and maritime antennas, and these designs are ideal for weekend or afternoon use.

A tripod can be the starting point for a temporary antenna. Then get a closet pole from your local home-supply store, to serve as an insulated base for a vertical antenna. Then get some aluminum tubing to use as a vertical element, and some wire for radials, and build yourself up a little vertical for ten, twelve, or fifteen meters. Even on the lowest of these three bands, the 21 MHz band, the radiating element will be less than twelve feet high, weighing perhaps two pounds. Take it to the seashore, if you're lucky enough to live near salt water, or go to a flat area in a park. The country air will smell great, and the lack of nearby power lines will mean that there will be little noise. You can also build or buy fiberglass masts about 20 feet high, and these can serve as a support for an inverted V antenna. If you are on a hilltop, or on the side of a hill with a clear shot in the desired direction, such a simple antenna can put out a dominating signal.

Whether you use a five-watt QRP rig (there are several excellent units on the market these days), or run a hundred watts from a bigger mobile transceiver, you'll find tons of DX to work, and your DX appetite will be appeased. Temporarily.

73 for now,
Chip Margelli, K7JA



**Communicated by
Wireless - Amateur,
Commercial or
Military 40 years ago?
Licensed ham today?**
THE OLD OLD TIMERS CLUB
3191 DARVANY DR
DALLAS TX 75220-1611
Phone: 214-352-4743
ootc@ticnet.com
<http://users.ticnet.com/ootc/>

The QCWA Forum rallies to support beleaguered ham.

-by Gerry Wentz, KC4EHT



The QCWA Forum can be a hotbed of activity but often a hotbed of inactivity. That's the way of many Internet forums. One way to fuel a firestorm is to offer an opinion with a whiff of politics or anything that might diminish the importance of Morse code.

The QCWA Forum nearly blew a fuse over the recent presidential election and the Florida debacle while the "Petition for Rulemaking" to restore lost privileges submitted to the FCC by the QCWA created a mini-firestorm that took aim on QCWA President Gary Harrison for a time. Never let it be said there is no diversity of opinion in the forum.

It is good to have a healthy and reasoned debate about matters but sometimes it is not for the faint of heart. One never knows when an innocent remark could provoke another forum reader into a diatribe, which then, rallies the forces in defense of both sides.

On January 5, 2001, Alan Waller picked up on a message he had read elsewhere written by Tony Petersen N7QVC, a ham from Ontario OR. Mr. Petersen has a very nice Internet web site devoted to ham radio, web cams, and an assortment of other things. He proudly displays his wedding pictures. Recently, Mr. Peterson received the following letter from the legal counsel for QVC Corporation. Appropriately outraged, Mr. Waller posted it on the QCWA Forum wondering if he could enlist the support of the amateur radio community.

Dear Mr. Peterson:

Our client is the owner by assignment of a number of United States Certificates of Registration for the well-known mark QVC. These marks are among our client's most valuable assets and must be protected against infringements and other misuses.

Your unauthorized use of N7QVC.COM is an infringement of the QVC marks. That is, your use of N7QVC.COM is likely to cause the public to believe that you are sponsored or approved in some way by our client. In addition, your use of N7QVC.COM constitutes false advertising, because it misrepresents the nature, characteristics, qualities and origin of your commercial activities. Your use of N7QVC.COM also dilutes the distinctiveness of our client's well-known marks. This likelihood of confusion, false advertising and dilution makes you liable for damages and subject to be enjoined under the Federal Trademark Act, 15 U.S.C. §1051 et seq.

Furthermore, a bad faith intent to profit from the registration of N7QVC.COM makes you liable for statutory damages in an amount of up to \$100,000 under the Anticybersquatting Consumer Protection Act of 1999.

Our client, therefore, demands that you immediately cancel and delete the registration for N7QVC.COM and permanently refrain from any use of any imitation of the QVC mark.

If we do not hear from you by January 31, 2001, that you will immediately comply with our client's demand, we will not hesitate to take appropriate action to prevent your continued unauthorized use of the above-mentioned domain name.

Sincerely, Stanley C. Macel, III, Esquire Connolly Bove Lodge & Hutz LLP 1220 Market Street P.O. Box 2207 Wilmington, DE 19899 (302) 888-6260

The letter stirred up the forum again after a brief Christmas respite. I followed the messages with keen interest since I also publish a monthly digest that involves Internet issues. One of the most contentious issues going on right now is called "cybersquatting" which essentially was what QVC was accusing Tony (N7QVC) of doing.

First let me explain who QVC is since it was apparent that many forum members were in support of Tony but were not familiar with QVC the corporation.

QVC is one of the larger home shopping channels on television and they extend to a web site on the Internet. If you enjoy television infomercials, you'll love QVC. They sell everything and anything from jewelry to gizmos to enhance your kitchen experience.

Recently, the US Senate passed the controversial "Trademark Cyberpiracy Prevention Act" with the stated goal of preventing trademark infringement and dilution in the Internet domain name space. It would make domain name holders legally liable in civil actions brought by trademark holders sharing the same name or one that is "confusingly similar." The bill is currently awaiting approval by the House of Representatives as H.R. 3028.

For those not familiar with domain names, an individual can purchase the rights to use a specific name for their web site (ex. www.qcwa.org) for a mere \$35 per year. Think of it as buying a vanity license plate. The only restriction is that it is not authorized to another person or organization. If you are particularly proud of your name and wish to devote a web site to you and your family, you could purchase a domain name like www.bill-jones.com.

Several years ago, some big corporations, when they decided to spend big bucks to establish a "web presence", discovered that someone else - often some innocent person, already owned their name of choice. Suppose JONES MACHINERY CORP. wanted the domain name of www.jones.com but found it was owned by Bill Jones of Nowhere USA, the machinery company now has an image problem. You see, having a "dot com" is a little like having a "Dr." before your name. If you are a dot com, then you're probably a big deal company. It's the image thing. So, Jones Machinery is willing to pay Bill Jones a couple of thousand dollars for his domain name.

It didn't take long for somebody to figure out that they could speculate on domain names and every once in awhile hit

it big. Internet entrepreneurs would purchase 100's of domain names, especially looking for those that could be of potential interest to the big spenders. Some major corporations and organizations were willing to pay astronomical prices for domain names. Turning a profit of \$50,000 (and more) on a \$35 investment "ain't" too bad a deal.

Then there were the squatters (usually porno sites) who purchased domain names similar to well-known sites. People browsing the Internet often enter a desired name ending in a dot (period) com and are surprised with the results. The best example is the home of the US President - the White House. If you follow your instincts and enter www.whitehouse.com, you might be explaining to your wife, looking over your shoulder, what in h*** you are doing. Whitehouse.com is a pure, unvarnished porn site while the real White House is www.whitehouse.gov. By grabbing a domain name resembling a famous or well known name, a devious web site can lure visitors who ordinarily would avoid them.

Then political issues entered into the fray. Activists rushed to buy any or all of the names related to their pet issue, including trying to gobble up any names that might be used by their adversaries. During the recent presidential election, one never was sure where you would land if you entered Bush or Gore. Some advocates cleverly disguise their identity behind misleading domain names - all legally of course.

The language of H.R. 3028, though well intended, creates serious speech and privacy issues that are a concern in the Internet community. For example, a domain name holder could be subjected to legal action for "tarnishing" or "disparaging" a trademark even if the holder is trying to sell the name to avoid costly litigation. Trademark holders could sue domain name holders with satirical web sites, and could even sue and seize names from holders in other countries. Holders of domain names could be fined up to \$100,000 per name and must file counter lawsuits to "prove their innocence". It's the "guilty until proven innocent" axiom. The situation is similar to the futility of the ordinary Joe Workingman trying to fight the nuclear-missile equipped army of lawyers in the Internal Revenue Service.

With what is basically a mischievous and often devious climate on the Internet and the tendency of many corporations to jealously guard their trademarks like a father guards his teenage daughter, the armies of corporate lawyers are constantly patrolling their perimeters for anything that resembles the enemy.

In the meantime, another government agency (the FCC) has been churning out callsigns since 1934, long before people were obsessed with trademark infringement and before the Internet was even a remote possibility. The two and three-letter suffixes of MANY amateur callsigns share an identity with major organizations; ABC, CBS, NBC, MSN, MFJ, ADI, AES - the list could go on forever. But the suffix of a callsign is only a part of the whole entity. As with most rules and regulations, we have the law of unintended consequences.

Tony Peterson N7QVC is a ham and proud of it. He created a website appropriately named after his amateur radio callsign and the site appropriately relates to amateur radio. But then it was spotted by the trademark police who perceived that the "QVC" portion of his callsign "dilutes the distinctiveness of our client's well-known marks." Using that same logic, the trademark police will find fertile fields ripe for harvesting by selectively targeting letter sequences within the millions of domain names on the Internet. It would rightfully be labeled as ridicu-

lous had it not happened right in our own ham community.

Most of the QCWA Forum members expressed outrage and suggested the ham community boycott QVC (whoever they are). Several lawyers offered sage advice or drafted letters that Mr. Peterson could rewrite and send to the QVC attorneys.

With the assistance of Al Waller (QSL.net), Gail Ludvigson (legal advisor), Bill Pasternak WA6ITF (AR Newsline) and John Hennessee N1KB (ARRL) - all of whom were acknowledged and thanked on Tony's website - Tony finally was exonerated of all alleged wrongdoing with the following letter:

Dear Mr. Petersen:

Thank you for your reply to my correspondence of 1/4/01. I understand that N7QVC is your FCC authorized call sign and that you have integrated the same call sign into the domain name for your personal website.

However, as I am sure you can understand, many others with less pure motives have appropriated the letters QVC and used them in connection with websites that do engage in commercial activities. Indeed, some of these activities are so offensive that every precaution is taken to protect QVC customers from inadvertent visitation of those sites. In order to protect the valuable QVC trademark and its customers, we must take every precaution and be extremely vigilant of others' use of the mark, innocent or not.

While we find nothing objectionable about the manner of use of the QVC mark in your domain name, nevertheless, as the owner of a highly distinctive radio call sign and domain name yourself, I am sure you can understand the care with which we monitor QVC's brand identity. As you indicated on your home page "Ham calls are unique, no one in the world has this symbol. They are our own trademark also there are lots of Tony Petersen's and John does and so forth and the only thing comes to mind that is unique like your call sign is your SSN."

QVC is the way in which QVC, Inc. establishes its brand identity. Just as you would find troubling the use by another of your call sign or your Social Security Number, so does my client find it troubling when others use its valuable trademark without its permission.

In order to resolve this matter, relying upon your representation that your use of the letters QVC in your domain name are used only for your personal use, and not for commercial activities that would create the impression that you are affiliated or connected with QVC, Inc. in any way, we will take no further action.

Thank you for your cooperation in this matter.

Very truly yours,

Stanley C. Macel, III, Esquire Connolly Bove Lodge & Hutz LLP 1220 Market Street P.O. Box 2207
Wilmington, DE 19899 (302) 888-6260

The matter of N7QVC may be resolved but there are countless others who will wilt under the pressure of the corporate legal machines, rightly or wrongly. In all fairness to the QVC legal team, I venture a guess that they were not even familiar with amateur radio callsigns. But this writer has never been fond of the philosophy to bomb first and ask questions later. Unfortunately it seems to be the prevailing attitude surrounding the whole "cybersquatting" issue.



Editor's Corner

From Bob W8CGG - Walkie-talkies not so "handie" in 1938

I was quite interested in the article about Al Gross in the Winter 2000 QCWA Journal. In the late 30's I was a radio operator in the New York National Guard at Syracuse (Hq. Co., 1st Bn., 108th Infantry). In 1938, just before summer camp we received two of what we called walkie-talkies. We were the only Hq. company in the regiment to have them, probably because our new 2nd Lieut. had just completed a Signal Corps course at Fort Benning GA. The other Hq. Cos. got theirs in 1939. They were fairly heavy outfits, which we wore on our back, like a pack, and used a handset. The receiver part was super regenerative and we were told only two could use the same frequency. My memory, which could be faulty, says that they operated in what is now our 6 meter band. They definitely were not the handie talkies that we see in the World War II movies. I was discharged after summer camp in Aug. 1939 and never did see a handie talkie.

Our CW rig was a BC-148, with the generator power supplied by a hand cranked generator. I did that for three summer camps before inheriting the radio operator's job.

The 2001 National Convention going cruising sounds good to my wife (KC8BDG) and I. We are thinking seriously of signing up.

Bob Hess W8VIF says

Gerry - This was the best one yet - I really enjoyed the articles: A Spark Coil, The Tri-States Radio Club and Award to Al Gross. These were outstanding stories - The kind I like. I especially like the ones on old time radio. When I see OSS mentioned, you know my eyes and ears perk up.

I'm sorry I missed seeing you and the others at the meeting but will try to make the next one.

Ralph Phillips W4JMB adds facts to editor's millennium-madness memo

Why do people still have so much trouble understanding the calendation process? Maybe it's because so many of them still think that the earth is flat -or are their heads are flat?

From the beginning of calendar making and coin minting, it has been customary to use the regnal year of the current monarch as a calendar reference. Jesus, on whose reign the Gregorian calendar is based, was said to be "Lord at His birth." Thus the first year of his life was the first year of his reign. This was Year One. THERE WAS NO YEAR ZERO. If there had been, all those Old Testament prophets would have been running around prophesizing, "The Messiah is going to be born next year".

Year One of the Christian calendar was said to have been in the fourth year of the reign of Emperor Augustus, because that's the year he called for a census requiring all Roman citizens to come to their county seat to be enumerated. In Herod's province, that included Joseph and Mary of Nazareth who had to travel to Jerusalem. The throng so overcrowded the city of Jerusalem that Joseph and Mary found no room at the inn.

The years 1-100 would have been the first century of the reign of Lord Jesus, King of the Jews, with the second century beginning with the year 101. The years 1-1000 would be the first millennium with the next millennium beginning in AD 1001. If you find that idea difficult to grasp, then you may have trouble understanding that the second millennium runs for the next 1000 years, from AD 1001 to 2000. Is it REALLY wacky that the "new millennium" begins in the year 2001?

The difficulty may arise from the fact that people have a problem distinguishing the Y2K bug (a computer glitch) from the Gregorian

Here we are again with the Spring Issue of the Journal. As I prepare this issue, it's a little difficult for me to get into the Spring mental mode since the temperature here in Florida has been in the frosty 50's and 60's. Yeah, I know, all of you members who live "up there" are laughing and poking fun at the poor souls "down here" who have to endure temperatures that are probably short-sleeve days for you.

Be careful where you poke your fun because the two top dogs in the QCWA are here as I write and one of your directors (Alan Pickering KJ9N) has the good sense to live here. President Gary KØBC is making the rounds of the big Florida Hamfests and visiting the chapters while Vice-President Croft VE3CT fled the cold climes of Canada to temporarily hibernate here in Florida where it never snows, seldom rains, the fishing is great and the favorite pastime is inspecting chad, dimples and pin holes.

With this issue, we will be bringing you a new column by John Johnson W3BE, "Q&A - The Rules Say". The column will be devoted to answering QCWA member' questions about the current regulations for the amateur radio service. Many of you know Mr. Johnson as a member of the QCWA Board of Directors. We welcome him and his insight into the rules.

There is also an informative and interesting story on YHOTY and How it all began, by Bill Pasternak WA6ITE. At first glance, one thinks that YHOTY is a word that somehow got spelled backwards but it doesn't make any sense that way either. YHOTY is the acronym for Young Ham of the Year lest you didn't know. The award has come a long way since its rather inauspicious start in 1986.

Wall 28E, Line 100 by Nate Williams W9GXR is a touching story of how the author may have been spared the ultimate sacrifice in Vietnam by his obsession with amateur radio. But Nate's good friend didn't fare so well.

Never to be denied, there is another fine article from Chapter 91, "How the German Enigma Machine was Bombed" from Dick Rucker KM4ML.

Christian calendar. I suppose that depends upon where you find your guidance. Then there are those who have trouble distinguishing a Cartesian graph from an ephemeral calendar. Only one of them uses zero as a starting point. By the way, how would you write a zero in the Roman notation then in use? Maybe THAT'S why there's no year zero.

Modern scholarship holds that Fra Exiguus, working some 500 years after the event, miscalculated the date of birth of the Messiah. But his calendar, promulgated by edict of Pope Gregory, has been in use for some 1500 years now and it's too late to change it. In his novel "Brave New World," Aldous Huxley creates a new calendar starting with the birth of Henry Ford for those who worship the automobile.

If you want to know what a clock looked like in the year 1 AD, take a look at the Washington Monument. It's patterned after the ancient Egyptian obelisks whose pointed caps served as an index for the clock almanacs of their era. By plotting the point that the shadow fell, the astrologers knew that when the shadow reached its northernmost point, the earth was at its winter solstice; when the shadow was at its southernmost point that marked the summer solstice. Time of day was indicated by the shadow's east-west position, as in a sundial. The pointy cap has been in place on the Washington Monument for nearly 150 years now, but the obelisk still has not been calibrated.

How the German Enigma Machine was Bombed

Submitted by Dick Rucker KM4ML

In October, Chapter 91 toured the National Cryptologic Museum at Fort Meade, MD where they enjoyed seeing Enigma, the primary cipher machine used by the Germans during WWII.

The museum also has several versions of the bombe on display, the British/American adaptation of a decryption device turned over to the British by the Poles when Poland was invaded. The story of the Allied discovery of the rice-paper Japanese codes also was quite fascinating. This museum truly is a must-see and is of especial interest to women whose significant role in American cryptology is well displayed. After the tour, Chapter 91 members were guests of the chapter President, Lew W4SWP, at the Ft. Meade Officer's Club.

Enigma and the role of the Bombe

In Enigma, the process of deciphering a message was the same as enciphering it. That is, if typing in an "A" lit the "K" lamp, then typing in a "K" would light the "A" lamp, so long as the machines variables were all identically set. Since at least one of the rotors turned with each key push, character pairings were constantly changing. Polish crypto-analysts designed a machine called a "bombe" because of the ticking noises it made to aid in deciphering messages from 3 rotor machines.

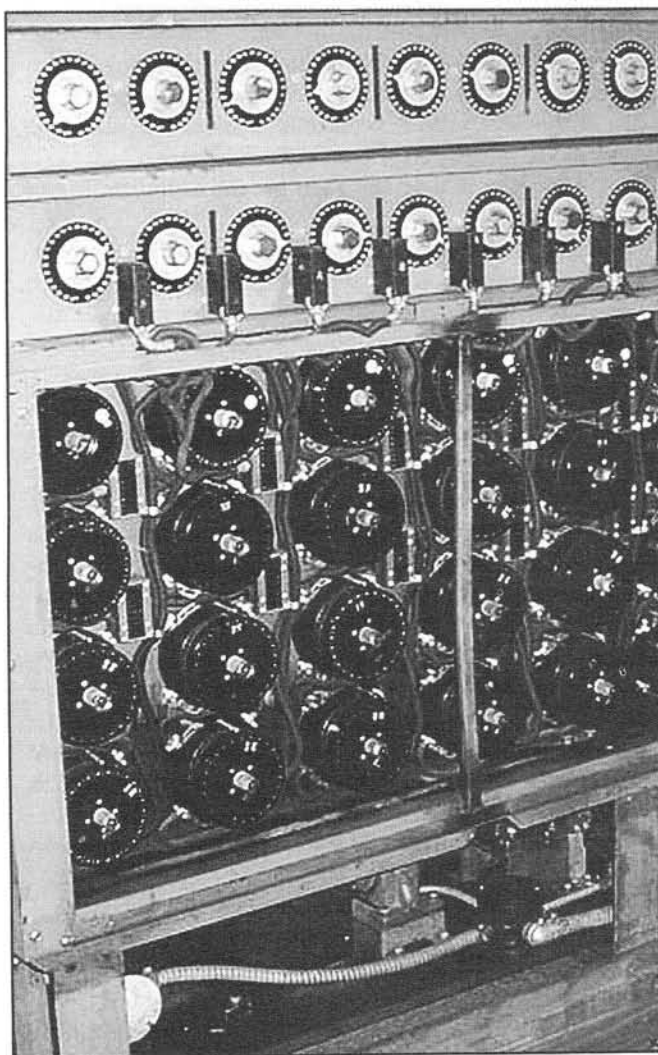


Sturgeon, a version of Enigma used aboard ships at sea by the Germans during WW II.

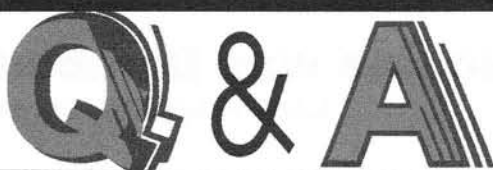
The Poles turned their bombe design over to the British when Poland was invaded. When the Germans switched to a 5-rotor machine in 1938, Alan Turing designed a more sophisticated bombe to break it. The British and the U.S. had working high-speed bombes by August, 1943. The British destroyed their bombes after the war, but pictured is a U.S. bombe on display at the museum.

Breaking a cipher starts with a "crib", a guess at a piece of clear text based, perhaps, on a pattern perceived in the enciphered message. Turning figured out how "circularities" between crib and cipher eliminated a large number of possible Enigma settings. The remaining settings could be tested on a home-grown machine, such as the U.S. "M1 Analog" on display and pictured below.

From November 2000 Smoke Signals Newsletter - Jim Wilcox W3WV, Editor



The Bombe



The Rules Say...

John B. Johnston, W3BE, 17701 Bowie Mill Road, Derwood, MD 20855-1608

This column is devoted to answering QCWA members' questions about the current USA regulations for the amateur radio service. Part 97 of the FCC rules is contained in the document Title 47 — Telecommunications - Code of Federal Regulations Parts 80 to End. A copy may be purchased from the Government Printing Office or downloaded from http://www.access.gpo.gov/nara/cfr/waisidx_00/47cfr97_00.html. The current version is dated October, 2000. Questions, call signs and incidents mentioned herein are for explanatory purposes only.

Ed. Note: *This month's column is devoted to our US licensed members. We look forward to Mr. Johnson's future comparison of these regs with other jurisdictions.*

The basics

Q. Why does the federal government impose regulations on the amateur service?

A. Be grateful that it does! The very fact that our government regulates the amateur service is, in itself, recognition that our radio service is in the public interest. It signals to other governments that the United States considers the amateur service necessary. Moreover, it gives us the opportunity to demonstrate that ours is a legitimate radio service comprised of persons who participate in the rulemaking process and observe the rules.

Q. Where does the FCC get the authority to impose rules?

A. In 1934, Congress created the Federal Communications Commission and gave it the job of regulating those segments of radio spectrum used by non-government stations. The FCC does this through regulations set forth in a series of rule parts. The rules for our three services — amateur service, amateur-satellite service and Radio Amateur Civil Emergency Service — are contained in the various Sections of Part 97 of the FCC rules.

Q. Why are there so many rules?

A. Most of our regulations are authorizations for us to do things that we could not otherwise do legally. Our amateur stations make use of the radio spectrum, an increasingly valuable natural resource. At the dawn of radio technology early in the 20th Century, persons of great vision convinced our government, as well as the governments of most other countries, that small bands throughout the spectrum should be allocated for an amateur service. Their concept of such a radio service continues today in Section 97.3(a)(3) of the FCC rules: "...a radicomunication service for the purpose of self-training, intercommunication and technical investigations carried out by ... duly authorized persons interested in radio technique solely with a personal aim and without pecuniary interest."

Q. Must I have a copy of Part 97 in my possession?

A. No. The rules do not say that an amateur operator possess a copy of Part 97. Most active amateur operators probably know enough of the basic rules to engage in a

simple QSO properly. We understand spectrum sharing. We know our privileges on our favorite bands. We use minimum transmitter power. We know how to make timely station identification announcements. We know how to evaluate our stations for RF safety. It is advisable, nevertheless, to know how to access a current version of Part 97 or have a reasonably current copy at hand. As a reference tool, it allows us to remain familiar with how our various requirements are organized. Then, when some different facet of amateur radio catches our attention, we know where to look to find out what the rules have to say about it.

Q. Where can I get a copy of Part 97?

A. For our purposes, a recent unofficial version of Part 97 will do quite nicely. Both printed and viewable versions are available from several sources, including The W5YI Group, Inc. and the ARRL, Inc. The official version is contained in the document Title 47 - Telecommunications - Code of Federal Regulations Parts 80 to End. But before you order a copy from the Government Printing Office or download it, you should know that — at best — it will be current only to the prior 30th of September. It will be some months after the September 30 cutoff, moreover, before that edition becomes available.

Q. How do I determine my frequency privileges on the various bands.

A. Section 97.301 authorizes your frequency privileges. It does this through a series of charts showing frequency privileges relating to (1) your operator license class and (2) the International Telecommunication Union region from where your station is transmitting. Appendix 1 to Part 97 says that most of the United States is located in ITU Region 2. Guam, Northern Marianas, Samoa and other territories in the western Pacific are in ITU Region 3.

Q. How do I determine where my station is authorized to transmit CW or Phone?

A. Section 97.305(a) authorizes our stations to transmit a CW emission type on any frequency where our station's control operator has privileges. It is, in fact, the only emission type that is authorized for all of our spectrum. Most of us choose, however, to operate CW in the segments of the HF bands reserved for digital type emissions.

Section 97.305(c) authorizes our stations to transmit each of the other emission types on specific frequency bands

Continued on page 15

and segments. Those colorful charts handed out at some of the larger hamfests display our emission and frequency privileges in a very user-friendly fashion.

Q. I can't find the emission types described anywhere in Part 97. Where are they?

A. The various emission types are described in detail in Part 2 of the FCC rules. Under Section 2.201, Emission, modulation and transmission characteristics, there is a system of well over 1,000 possible emission type designators. Mercifully, for our use, Section 97.3(c) rearranges them into a much simpler system. It uses only nine terms. They are CW, Data, Image, MCW, Phone, Pulse, RTTY, SS and Test.

Q. What does the transmitter power rule authorize?

A. Section 97.313(a) authorizes an amateur station to use the minimum transmitter power necessary to carry out the desired communications. Section 97.313(b) sets the upper limit at 1.5 kilowatt PEP output. There are no exceptions for any particular emission type. The remainder of Section 97.313, however, limits transmitter power on certain bands and band segments necessary to assuring frequency sharing with other radio services and to implement the Novice operator privileges. Keep in mind that transmitting at a high level of power can subject our station to the RF safety rule.

Q. What does the RF safety rule require of us?

A. Our RF safety regulation is in the form of a restriction on our station's location. Section 97.13(c) requires that before we cause or allow our station to transmit from any place where it could cause human exposure to excessive levels of RF electromagnetic fields, we must take a series of steps.

The first step is to determine the PEP input to the station antenna for each frequency band and compare it with the threshold limit listed in Section 97.13(c)(1). On 75 meters, for example, our threshold is 500 watts. If the PEP input to the antenna is under the threshold, no further action is required. On the other hand, if the PEP exceeds the threshold, we can reduce the power to a value at or below the threshold. It might be a good idea to record the information in the station log or other document for future reference. Most of us stop here.

Otherwise, it's on to the next step. We must determine if the station can operate safely above the threshold. Section 97.13(c)(1) says that where the threshold is exceeded, the licensee must perform the routine RF environmental evaluation prescribed in Section 1.1307(b). Further, Section 97.13(c)(2) says that where the evaluation indicates the radiated RF electromagnetic fields could exceed the exposure limits specified in Section 1.1310, the licensee must take action to prevent such exposure to humans.

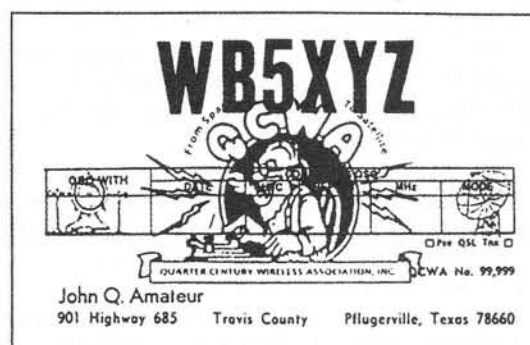
Q. How can I find information on the background of a rule?

A. The reasons for adopting a rule are stated by FCC in the ordering document. Such actions are well re-

ported in our amateur service magazines and newsletters. Retrieving the information some years after a rule was adopted is not all that difficult. The December issue of QST, for example, lists the FCC rulemaking actions for that year. Further, it gives the issue and page number where the action is reported.

If you have a question about the FCC rules for the amateur service that would be of general interest to our readers, e-mail to John@Johnston.net or postal mail to the byline address.

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Chapter Reports are a very important part of the Journal and we would like to see regular reports from all chapters. If your chapter is not represented on these pages, please ask your secretary to file a special report for the Journal. Please send the reports to General Manager, Jim Walsh, to arrive no later than the following dates: July 1, October 1, January 1, and April 1.

Chapter 1, Cleveland

Traditionally our fall meeting features awards to members of Cleveland Chapter No. 1 - QCWA. The following members received certificates from our National QCWA Headquarters: W8FDN 50 years licensed; W4EU 60 years; W8OOJ, W8NZD, and W8KCG 65 years; and W8EFW 70 years. The Century Award went to W8ADW and W8ZCN. The Recruiter Award was presented to W8UYN.

Chapter No. 1 - QCWA then honored the following members: KE8RN, with the Past President's Award Plaque, and WA8TPP with a President's Award Plaque: WA8NPX received Ham of the Year Plaque.

Next, Service Certificates were awarded to members: W8SLZ, K8CKG, W8PIU, KE8RN, Barbara Mistic, Beth Colbert, W3WM, W3SVJ, W8QHM, W8VRJ, K8QOT, W8NZD, W8UYN, W8WGO, W8EFW, K8SGM, W8MMC, W8FAZ, W2NTB, WA8OZC, W8YEO, and W8QGR.

Congratulations to our fine and very deserving Chapter members.

At this time we wished best wishes to outgoing president, KE8RN, and welcomed the newly elected president, WA8TPP. Our newly elected vice-president is W2THU. Newly appointed editor of our Newsletter is WT8P.

We also welcome two new members to QCWA and the Cleveland Chapter No. 1 of QCWA. They are Charles F. Martin, WB8LDV, QCWA #30532 and Robert D. Hinkle, KA1RI, QCWA #30549.

Our condolences go to Marvin Goldfarb, W8YEO, and Jack Goldfarb, W8WGO, on the tragically early loss of Mrs. Rhonda Sigman, their daughter and niece, respectively.

Joseph Zelle W8FAZ

Chapter 2, Chicago Area

President Jim Quinn, W9MFY called the business portion of the meeting to order at 6:30 PM

There were 10 members and 8 guests in attendance

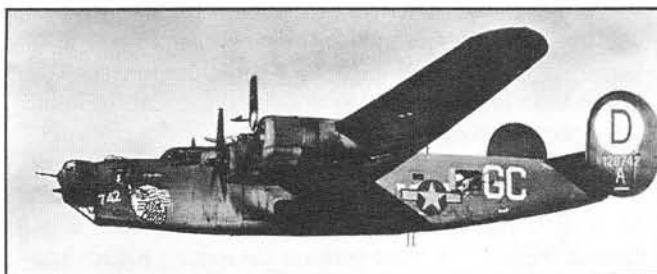
Jim Quinn opened the meeting with a welcome to all, members and guests. Each of the members stood up and announced their call, their name and their guest's name. Jim then gave a financial report. We came in to the year with \$522.92 and of 10-24-00 we have a little less than we had last year at this time. The meet-

ing in July was outstanding with the Banjo Band and their entertainment and the food was very good.

The program this year is very entertaining and will come on after the meal. Gil, W9BUB gave a short Sec'y report. We had a good turn out at the Lake County Ham fest and signed up 3 new members. That was much better than last year. He mentioned the apology from Hq. for leaving out the words in the last Journal and only putting in the pictures. Other than that, it was a very quite summer.

Jim solicited any additional nominations for officers and the board. The election will be at the next regular meeting in January.

After the meal was completed, Jim introduced the Program Chairman, Paul Crum, W9LC. Paul introduced Gil, W9BUB, for a short round up of amateur radio news. Gil gave a fast rundown on the ULS (Universal Licensing System) with the use of the TIN (Taxpayer Identification Number). For reasons known only to the FCC, they are now changing to the CORES (Commission Registration System), which is effective July 2000. This will assign an FRN (FCC Registration Number) to each amateur DIFFERENT THAN THE PREVIOUS TIN. So everyone is encouraged to register. Next Paul introduced Ed Dervishian who showed a tape about the B-24 Liberator and it's manufacturing at the Ford Willow Run plant.



The B-24 Liberator

Ed summarized a few points of interest before he showed the tape. The plant produced 1 B-24 4 engine airplane every 55 minutes. That's a different airplane, ready to fly, every 55 minutes, 24 hours a day. Willow Run produced over 8000 of these airplanes. The first part of the tape shows the plant construction, the sub assembly of the various parts and the final assembly,

showing the electrical and hydraulic hook ups. The second part of the tape was skipped as it showed the B-24 Pacific campaign and the 3rd part showed the B-24 effort on the Ploesti oil fields.

Realizing that the plant was started in 1940 on a farm in Willow Run, the accomplishment was astounding.

Many of the members could relate to the aircraft since they were part of the war effort. It was a real interesting history lesson.

Gil Kowols W9BUB - Secretary

Chapter 5, Delaware Valley

The December 2nd meeting of Chapter 5 was held at the usual place, the Town & Country Restaurant in Bordentown, NJ. The meeting was called to order at 12:00 noon by Chairperson Florence Power, WA2WYE, who gave the invocation. Each one present was asked to introduce themselves and then a new member John Sielke, W2AGN, was introduced. The minutes of the September meeting were read by the secretary and were approved. The treasurer Marv Foral, W3QGC, was not present but had supplied the secretary with an up-to-date report, which was read.

A nominating committee had been appointed at the September meeting and they had decided to keep the present slate of officers. However, the chairperson declined the nomination. Nominations were asked for from the floor but no one was nominated. The nomination committee was asked to go back and try to come up with a slate of officers for the next two years. Once the meal had been finished, the speaker was introduced by the Chairperson. The speaker was Edith Sprague, a

well known local speaker. She was involved during World War II in traveling around the United States with "Elsie the Cow" for the Borden Company, along with her sister in a bond raising drive that netted a total of \$10 million dollars. She gave a very interesting talk of her experiences and the famous people that they met along the way. Her talk was also accompanied with photographs that were taken along their travels and the celebrities they were with. All enjoyed her talk.

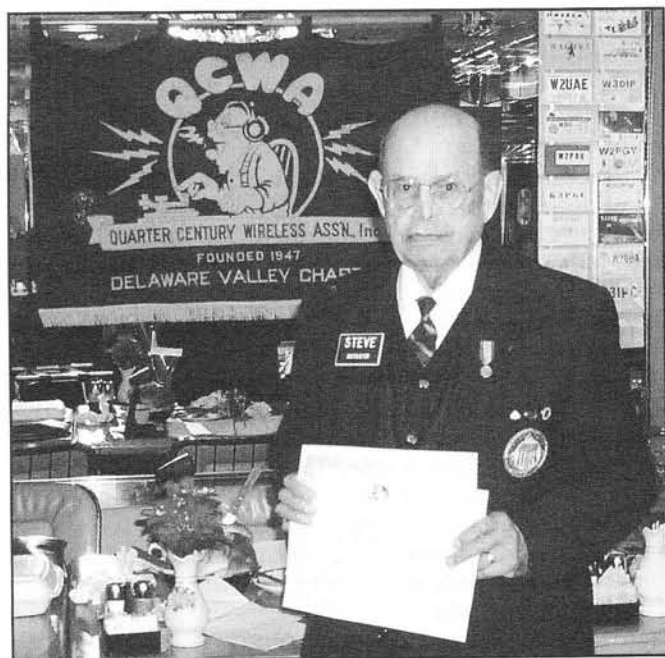


Left to right: K3WG, W2PAU, K2JF, W2FBE, W2FDE, W3OOJ, K2JM.

Chapter 5 had a number of awards to present and they included 50 year certificates to K2JM, John N. Michel, W2FDE, Sidney L. Deitz ; 60 year certificates to K2JF, John M. Fisher, W3QGC, Marv Foral, W3OOJ, Richard V. McClelland, W2NLJ, Donald J. Moulton, W2HAZ, William F. Petty; 65 year certificates to K3WG, Winston C. Goldman, W2FGY, Joseph W. MacMillan, W3DIP, Fielding L. Waters, W2FBE, Charles E. Alsdorf, W2PAU, Miles E. Brown; and a 70-year certificate to KE2W, Steven C. Garcia. A lot of years of ham radio represented in those certificates - 795 years. Chapter 5 has a home page at www.resuba.com/qcwa5 that all are welcome to check in on. The Chapter also has a net each Sunday morning at 9:45 on 3917 khz and all are welcome to join in

Chapter 6, Pittsburgh

The scheduled meeting of Sept 24 for chapter 6 was called to order by President Jack Parsons, K30TY. There were twenty-two members, friends and guests present for brunch at DiMartinos restaurant. Jack and Art, W3WM covered the subject of the local and New York antique radio shows. Jack had a display of antenna hardware from earlier years including some very high power open line feeder spreaders. Art had a small display of cw keys including a standard army hand key with the original box, packing and the ever present pouch of desiccant. Art also had a display of vintage transmitting tubes, some manufactured by TAYLOR, such as the T55. He related how as a youth the school radio club had taken the group on field trip to the TAYLOR manufacturing company to view how this marvelous line of amplifier tubes were manufactured. An



Steve Garcia KE2W, with his 70-year certificate.

Chapter Reports

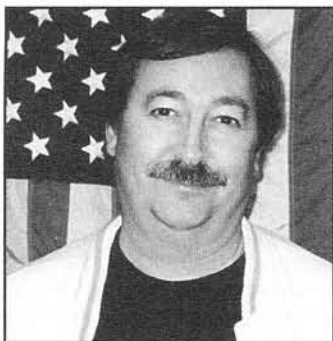
experience that brings back fond memories even after more than 60 years!



Left to right: W3SVJ and K3OTY.



Left to right: KC3YE and Grace.



Doug Hawkins W3HH.

There was a brisk discussion about the September QCWA QSO party and how the chapter fared. Roy, W3TZW, suggested that ALL participants send in their logs no matter what the score. The concept of the "party" is to have participation not necessarily high scores. We won't know, of course, until the scores are published but our relatively small chapter seems to have been well represented in the QSO party.



Art Kunst W3WM.

Mac McKEE W3MAC.

The annual struggle for new officers was no different this year. After a request by K30TY for nominations, volunteers or a draftee for President and secretary/treasurer the silence was deafening. A wag (to remain unnamed) suggested that "if it ain't broke, don't fix it" received a resounding round of applause. Jack offered to retain the office of president. He graciously thanked all of his helpers. W3SVJ, Nate, also accepted reappointment to the office of secretary with a hearty thanks to Seth, KC3YE, for his due diligence in taking care of the chapter mailing lists and the treasury. There was a relieved round of applause came from the membership.

Chapter 10, Michigan

By the time the Spring issue of the Journal is printed we hope we will have seen all our snow melt and it will be better driving. It will be time to be thinking about the Annual Meeting of Chapter #10. The meeting is held each year in Cadillac following the swap held in the Middle School. As usual, we expect to meet at the Waterfront and participate in the good food they serve. The projected date is May 5, 2001. As we get nearer to the time, full details will be available on the Sunday morning net.

In the meantime, President Mike, WB8ICN, will have been advertising the Chapter and recruiting new members at various swaps around the state. Look for him to have a table set up at any swap you attend and stop in to take a look at the nice QCWA products available and have a chat with Mike. He is doing a good job letting people know about QCWA.

Also, the Annual Meeting means election time. I hope everyone will be considering who they want the new officers to be, and which ones deserve to be re-elected. If you have suggestions, please forward them to one of the present officers. If possible, nominate someone, after securing their permission, of course. If you just want to suggest someone and do not have their permission to nominate them, let the officers know about it so they can contact the person. Mike sure has done a great job as President, and I hope he will consent to run again. As far as the Secretary/Treasurer position, I would request that someone else opt for it.

Health problems in this household make it mandatory that I not consider taking it again. I'll be glad to assist in a transition.

Think spring.

Beverly Stoner K8ZJU - Secretary

Chapter 21, Canton, Ohio

The regular quarterly meeting of QCWA, Chapter 21, Canton, Ohio was held November 18, 2000, following luncheon at Das Dutch Kitchen, Dalton, Ohio. There were 26 members and guests present.

This being the annual meeting, elections were held. Nelson Caley W8EAR moves into the office of president from the office of vice president. Perry Ballinger W8AU was elected vice president, David Glass W8UKQ, secretary-treasurer, and Ed Clinger WA8DRT, director. David Polen W8FRB will continue in the position of director for one more year. Our chapter information and newsletter may be seen at <http://www.cmh.net/~jpvst/>



Chapter 21 outgoing president Phil Gizzi W8IIV (left) presents the president's gavel to Nelson Caley W8EAR. Digital photo by Ed Clinger WA8DRT.

Door prizes were awarded.

Nelson Caley W8EAR introduced the program. The speaker was our chapter DX-peditioner, Mel Vye W8MV. Last July he visited Midway Island for a week. The three islands are operated by two organizations: Midway Phoenix Corporation and the Fish and Wildlife Agency. Approximately 150 people from Sri Lanka work on the islands. With slides Mel described the islands and the activity of the many albatrosses and monk seals. During his amateur operations he was able to make approximately 3,100 QSOs.

Recently our senior chapter member, LeRoy Burckhart W8CZA, became a Silent Key.

"Roy" a long time resident of Massillon, Ohio, passed away on September 27, 2000, in Orrville, Ohio. At age 92 he was the oldest active member in Chapter 21. He had operated from his Retirement Facility in Orrville on both 20 and 2 meters. He had been employed at Ohio Edison for 40 years and retired as a supervisor in 1972.

Roy, QCWA #5381, and blind for about 25 years, was a source of constant amazement to his fellow ama-

teurs for his "outstanding technical skills." All of his equipment had been enhanced so that he could use audible tone indicators for tuning his finals and SWR adjustment. At Ohio Edison his work spanned setting up the first 33 MHz radio link to consulting on the first microwave at 6 GHz.

Many of Roy's happiest memories were of running phone patches on 20 meters several years for 70 employees on a research ship. These scientists traveled around the world and were at sea for three months at a time. They awarded him a hard hat for his services. He also handled phone patches for missionaries in Haiti. After retiring he would take cruises as a tour guide and would take radio gear with him much to the chagrin of the ships authorities.

Roy was first licensed in 1929. His early home built equipment included a 210 Hartley oscillator and a two tube regenerative receiver with a 40 meter Zepp antenna. He was presented with the QCWA 70 Year Amateur Service Award in May 1999.

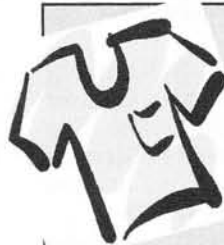
David Glass W8UKQ - Secretary

Chapter 29, Finger Lakes

Finger Lakes Chapter 29 held their election of officers on 24 November 2000 at Weber's restaurant in Syracuse, New York. The two offices to be filled were chosen by unanimous acclamation. Taking over the office of Chapter President is Al Obrist, N2AO. The office of Secretary/ Treasurer was taken over by Von Campbell, W2RDC. The present slate of officers, President George Cook, W2RBK; Vice President Bill Schaal, K2YGF; and Secretary/Treasurer Ed Gersten, WB2MWW will turn the offices over at the last meeting of the year on December 24. A sad note to our monthly meeting was that our friend and long time QCWA member, Fran Thisse, W2BJI/J37XC, has been returned to the hospital in Syracuse. Fran, Or CUz, as he is known by the group and his XYL Irene Thisse, known as Friskie are well known for their annual sojourns to the Caribbean Islands, primarily Grenada. They will be missed at our future meetings. In addition to being a ham, Cuz is well known for his stocks of hard to find tubes. He was also a chief engineer for several local radio and tv stations in the Syracuse area prior to his retirement.

Note; Right after this was received, Headquarters received notice that Fran Thisse, W2BJI died. He was very popular in the area and will be missed.

ED Gersten WB2MWW - Secretary/Treasurer



Shirts-R-Us
Order one of the
spiffy new
QCWA
Golf or T-shirts

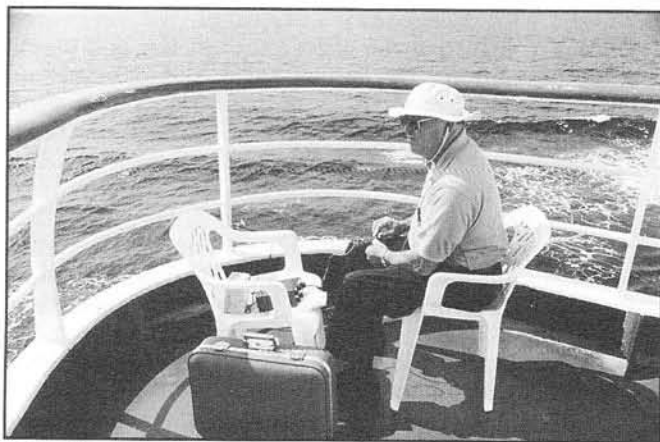
Order from QCWA Headquarters

Chapter Reports

Chapter 41, Dallas

It is with deep regret that Chapter 41 announces the death of member Charles ("Chuck") Armstrong, K5IRM who had a long and eventful life which included "flying the Hump" as a B-24 cargo pilot in the China-Burma Theater.

Dallas Chapter 41 recently conducted its annual Board of Directors Meeting aboard the cruise ship S.S. Enchanted Isle while enroute from New Orleans to the Republic of Panama. (A first-time guest not acquainted with the scale of Chapter 41 undertakings was perturbed to discover mid-ocean that the Panama destination was not the city of similar name in the State of Florida served by Greyhound.) The Chapter utilized the cruise to sponsor Virgil Hinson, W5URP/MM2, and well-known evaluator of QRP rigs and improvised antennas under at-sea conditions; to evaluate an Oak Hills Research OHR 100A 5-watt rig (pictured on page 28 of the December issue of QST) under consideration for use of chapter members on future cruises. Virgil, accompanied by XYL Edith, was quite pleased with the unit having made numerous stateside and Central America contacts on 30 Meters. As a matter of note, long-wire radio antennae (Extra Class spelling) have disappeared from cruise ships in favor of whip antennae and satellite domes although they can still be seen on coastal freighters and lesser vessels of dubious pedigree. Sent along on the cruise to provide log keeping for Virgil was Donald ("Tiny") Retzlaff, W5MIY, accompanied by XYL Norma, both of whom are frequent cruisers.



Virgil Hinson W5URP/MM2, renowned maritime mobile operator, evaluates a QRP rig at sea in a test sponsored by Chapter 41. The wire antenna, invisible in the photo, is trailing the ship supported by a small drogue chute.

Northernmost chapter member Jack Kennedy W5DJ, of Elizabeth, Colorado, presented his daughter Rebecca with a new Ten-Tec Scout for Christmas. She recently received her no-code tech license. Rebecca is currently working on her code proficiency and aspires to full license privileges.

Chapter members Val Erwin, W5PUT, and John King, K5CDV, helped a number of fellow members the

past year with tower and antenna requirements in that various members were reluctant to send their wives up towers.

Mutt's Bail Bond & Surety Service, East Cicero, Illinois, has renewed the fiduciary and surety bonds on Bert Wells W5JNK as required by chapter by-laws in his capacity as Treasurer. In other chapter matters: Arnold Krusemark, KOYVI, was re-elected Chapter Glee Club Director; Veikko ("VK") Ketola, W5WCP, was named Chapter Sommelier, (members of chapters of a lesser social ranking than Chapter 41 will ask, what is a sommelier?); Oscar Hoya III, K5UBS, ("I'm not related to Oscar de la Hoya."), has been named Chapter Physical Fitness Director. (Chapter 41 members are required to maintain monthly minimum base-line Fitness Points as determined by the director which can be petitioned for review on an annual basis by those members in jeopardy of expulsion.) In the interest of health of the members of all chapters, Chapter 41 magnanimously plans to submit a proposal at the next national meeting of the QCWA Board of Directors that an identical or similar physical fitness program be mandatory in all chapters even though it has been inferred in some quarters that a ship at sea is not the optimum bully pulpit from which to launch such a proposal.

Bob Olney N5NT - Recording Secretary

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Note that you may order it with a pocket clip at an additional cost

Bola ties are also available.

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Member Supplies

Certificates

◆ Membership Certificates are numbered in serial order and are issued to each member. Numbers are not reissued except to the same member to whom they were first issued.

◆ QCWA Gold Certificates celebrate the 50th anniversary of licensing. Issued without charge to eligible members upon proof of year of first license.

◆ Gold Certificates are issued in five-year increments; 55, 60, 65, 70 and 75-year certificates free of charge to eligible members.

◆ Fifty Year Continuous Licensing Gold Certificate available to eligible members. Requires submission of proof of continuous licensing. There is a \$5 fee for this certificate. Applications are available from QCWA Headquarters.

◆ QCWA Century Club Certificate is issued to QCWA members whose age, when added to their number of years as a QCWA member totals 100 or more. No charge for this certificate.

◆ Headquarters issues Meritorious Award Certificate upon request of any active QCWA chapters. One such award is authorized for each chapter each year. The award may be given to recognize unusual dedication to QCWA or amateur radio. No charge for the award.

Operating Awards

◆ The Activities Manager issues QCWA Operating Award Certificates to QCWA members. Proof of eligibility is required.

◆ QCWA Worked 50 States Awards are issued to QCWA members who have contacted members in each state of the union.

◆ QCWA Worked 100 Members Awards are issued to QCWA members who have contacted at least 100 QCWA members.

◆ QCWA Worked 60 Chapters Awards are issued to QCWA members who have contacted members of 60 chapters.

◆ QCWA Worked 500 Members Awards are issued to QCWA members who have contacted 500 QCWA members.

QCWA Lapel Pins

◆ Without year tags. tic-tack, safety pin or screw type. Plain pins (no year) -\$10

◆ With year tags (clutch-type only). Specify year; 25, 30, 35, 40, 45, 50, 55, 60, 65, 70 or 75 -\$15

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◆ QCWA Embroidered emblem -\$5

◆ 450 QCWA Red Stamps (regular) -\$3 450

◆ QCWA Gold Stamps (life) -\$3

◆ 400 QCWA Yellow Stamps (50 Year) -\$3

◆ QCWA Cap with logo -\$5

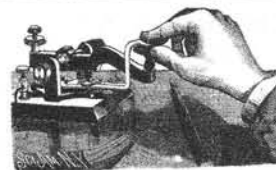
◆ QCWA Chapter Banner -\$200

◆ QCWA Decals -\$1

◆ QCWA QSL cards - (see ad elsewhere)

Please send your order to
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 159 E.16th Ave.
 Eugene, OR 97401-4017
 Phone: 541-683-0987 (inquiries only, no orders)
 Fax 541-683-4181
 We accept orders charged to credit cards.

The Bite of the "Wireless Bug"



The wireless bug of which you've read,
 Has bitten me that's clear,
 No serum treatment yet devised,
 Can help me now, I fear.

At first I had a simple set,
 Loose coupler and receivers,
 Detector of galena stone,
 Take note you unbelievers.

It worked and each and every night,
 The effect of the bug increasing,
 I'd try to understand the code,
 My efforts were unceasing.

Now and then I'd catch an "o",
 And "is" I got with ease.
 The signals weren't so very good,
 Just loud enough to tease.

In order to increase them,
 I got a two stage set.
 The code and music now are great,
 It beats a "Vic" you bet.

Oh! When I think of all the time
 I've spent in crystal gazing,
 In search of useful spots thereon,
 In truth it is amazing!

And some day in the years to come,
 When I have learned the code,
 And when I get my license,
 I'll write another ode.

And tell you all about the joys,
 As would old Epictitus,
 Of how it feels to have a case,
 Of genuine "Wirelessitis."

*The above was written by Peter Deets in
 June 1921 for a college Electrical
 Engineering Magazine, "The Bridge."*

Submitted by Gene Pentecost, W4IMT

Chapter Reports

Chapter 45, Citrus

Citrus Chapter held its Annual Meeting as required by the by-laws to elect officers and conduct such other business necessary to the operation of the Chapter. Robert Cummins W2BZY, was re-elected to a one-year term as President. George Jeck W2IOE was elected to a 2-year term as Vice-President and Morton Cohen WA2ARS, was re-elected to another 2-year term as Treasurer.

It has been a good year for the Chapter. Our membership has held steady. The number of new members has just balanced the members that, for various reasons, moving from the area etc., have resigned from the Chapter.

On December 2nd, seven members of the Chapter joined with LAMARS and other area amateurs at the annual "peel and stick" party in one of the local schools. This meeting placed address labels, supplied by ARRL, on some 40,000 fliers for the Orlando HamCation to be held February 9th, 10th and 11th at the Central Florida Fairgrounds in Orlando. By noontime, when about 15 large pizzas arrived, the labeling was finished and the fliers bundled to the Post Office specification's ready to be delivered to the local office. Each person who participates receives a ticket to the HamCation and a participating group receives a donation for their treasury.

Chapter #45 meets the third Saturday of every month at Piccadilly's Cafeteria, 1840 E. Colonial Drive in Orlando Florida. We start to gather about 11:30AM for lunch and fellowship time, the formal meeting beginning about 12:30PM. The food is good, the prices reasonable and the fellowship is warm. Any hams in the area on the third Saturday are welcome. Chapter #45 operates the W4PLA repeater on 147.195 MHz. Net time is Tuesday at 1930 hours local.

Paul A. Turner WIDLP - Secretary

Chapter 46, Founders Chapter

A "revitalize" meeting and luncheon was held at the United Nations on November 2nd, 2000. A total of Seventeen (17) guests and members experienced a wonderful buffet lunch of international cuisine in the United Nations' Delegates Dining room. At the close of the luncheon, we had a moment of silence in honor of our past Treasurer/Secretary and friend, David Winter, W2AUF, who passed on earlier this year. Later that afternoon, a Founders' Chapter meeting was held and a slate of candidates for the elected Chapter positions was proposed and voted on unanimously. The new officers of Chapter 46 are:

President - John Weber KA2IXW

Vice President - Sy Yuter W2NBT

Secretary/Treasurer - Frank Lauri N2IX

Directors - Hugo Landerer W2IGH, Lou Leonard WA2UIJ, Arthur Mayer K2BHV - Harry Moore, Jr. W2JQS, Dick Robinson W2OZA

Frank Lauri N2IX - Secretary/Treasurer

Chapter 48, Treasure Coast

The Treasure Coast Chapter, #48 was represented at the annual convention in Toronto, Canada on Oct 13-15, by our president Joyce, K4EER and sec-treasurer Woody, K4EBK. A great time was had with trips to Niagara Falls, downtown Toronto, the Canadian Warbird (airplanes) museum, and everyone's favorite the Hammond Radio Museum in Gelp. The radio museum had not only almost every model of ham gear ever made, but also all the old AM radios we used to listen to as kids. Military gear was also in the vogue and a wonderful modern station with the top of the line radios of this era. If you get any where near Toronto this is a must see. The banquet and all other activities were first rate; our hats are off to the Fred Hammond Chapter 73 folks for a good time.



Treasure Coast members at the Mandarin Gardens Restaurant after visiting the Mel Fisher Treasure Museum in Sebastian FL.



K4EBK of the Treasure Coast Chapter 48 in "Ham Heaven" at the 2000 annual convention in Toronto at station VA3QCW.

The Chapter was also busy in November hunting treasure at the Mel Fisher Treasure Museum in Sebastian FL. A small group spent an interesting two hours among the treasures and troves of the Spanish Galleons; treasures valued in the millions of dollars are on display there. Silver ingots, gold and other priceless artifacts are in abundance. Our tour guide was well versed in all the lore and intrigue. Afterwards we retired to the Mandarin Garden restaurant for lunch.

Our chapter is saddened to report that Jim O'Keefe, WA1COA, is a silent key. Jim used the phonetics, "Connecticut's Only Angel" and now he is one, Jim was a great guy and will be missed by all.

K4EBK 561 388-0255 or k4ebk@juno.com

Chapter 49, Peach State

The Chapter 49 annual Christmas meeting was held on Dec. 2 at Ryan's Steak House in Norcross. President K4HBI called the meeting to order and began with introductions all around of the 16 in attendance. All those present signed "We missed you at the meeting" greeting cards and also signed a get well card for AE4GQ. A moment of silence was held in remembrance of our recent silent keys Buck Jones W4GRX, Tom Lourigan WA4RBM and Jessie Ollendorf, wife of Marvin W4HAH.



Chapter 49 members enjoy the gift swap at the Christmas meeting.

Mike summarized the year's meetings, programs and hamfest activities and thanked all those involved. W9BKJ reported that the nets were doing well. K4SZ reported that QCW A Scholarship fund donations were made in memory of all our Chapter 49 silent keys this year.

Mary W4NZJ announced that she and Bill Ahls ABØKF were recently married. They will live at Mary's home in Snellville (because of the existing tower, of course!). Congratulations to Mary and Bill. Bill is also a new "Friend" of Chapter 49. Mary volunteered to be the new chapter historian.

Chapter 49 had a table at the Stone Mountain Hamfest. Table volunteers were Pete N4EW, Fred K4KAZ, Frankie W4BJT, Mike K4HBI, Susan AF4FO, Mary W4NZJ, Doug KT4XF and Bob K4SZ. We have some new members from the hamfest. We picked up National member Marshall Thigpen W4IS of

Statesboro. Marshall is the Assistant Section Manager for GA and was gently coerced (arm twisted!) by SM and 4ger Sandy W4RU into joining Chapter 49. Also joining QCW A National and Chapter 49 at the hamfest was John Clowe W4ZPG. John is an avid VHFer, a retired Army officer and lives in Lilburn with his wife Margie. A hearty Chapter 49 welcome to John and Marshall.

Doug KT4XF reported that there is little activity at the SciTrek club station W4WOW. He and W4QO are the only Chapter 49 volunteers still active, but neither of them is able to spend much time there anymore. A suggestion was made for appeal to other, larger local clubs for volunteers. This is an opportunity to expose the school age kids visiting the SciTrek Science Museum to amateur radio.

Our program for this meeting was the annual Christmas meeting and gift swap. Everyone seemed to enjoy the items they received, even the boat anchor VTVM recognized as having been a visitor in an earlier year! K4HBI was somewhat disappointed as his Omni VI+ turned out to be a photograph instead of the real thing.

The Chapter 49 meeting schedule for 2001 is March 3, June 16, Sept 15, and Dec 1. The June 16 meeting will be the second annual Chapter 49 summer picnic, which Mary W4NZJ volunteered to again host.

It is with much sadness that we report the passing of our Chapter 49 founding member and long time net control, Wendell Cushing K4VN, in December. The members and friends of Chapter 49 have made a Memorial Scholarship Fund donation in his memory.

Bob Lear K4SZ - Secretary/Treasurer,
k4sz@arrl.net

Chapter 51, Tex-La Golden Triangle

This quarter our group met at Dorothy's Front Porch Seafood Restaurant at noon on the first Saturday of each month with from 25 to 35 members and guests present.



Mary Jean George WB5FQX, Norman Helms K5SAC, and Dee Dikes, WA5BEU. They are holding Chapter 51 cups presented to them by outgoing President Bill Precht, W3EO, as symbols of their office.

Chapter Reports

At the November meeting Steve Gomez showed an RCA 1926 portable receiver he had recently acquired and President Bill Prechtel showed a modern-day "spy radio" used by the CIA. Bill also showed pictures from the commercial marine radio station WPA that operated at Port Arthur for many years.

At the December meeting officers for 2001 were installed. Norman Helms, K5SAC, will serve as President. Mary Jean George, WB5FQX, will serve as Vice-President and Dee Dikes, WB5BEU, will continue to be our Secretary/Treasurer.

Dub George - Bulletin Editor

Chapter 53, Suncoast

Following the informal luncheon get-togethers of Chapter 53 members during the summer months, the October meeting marked the kick-off of the 2000-2001 "season". After enjoying lunch and renewing acquaintances, the 17 members and four guests in attendance recalled an earlier era in ham radio as Chapter President Jack Sproat, W4JS, exhibited 1955-vintage mobile equipment in the form of an Elmac AF-67 transmitter with its PE-103 dynamotor power supply, and Elmac PMR-6A receiver and vibrator power supply. That station weighed in at about 50 pounds-quite a contrast to the compact, lightweight solid-state equipment of today! However, that dynamotor really fascinated one 21-year-old guest, who wasn't even born when it was last in service. Chapter member Ed Cronk, W9ATV, gave us an introduction to the UN's station 4U1ITU at the November meeting. Ed followed that with a slide presentation, illustrating how the valuable element cobalt could be mined from some 15,000 feet below the surface of the Pacific Ocean. Cobalt is vital to many present-day high temperature applications, such as jet engines. At our December meeting, QCWA Vice President Croft Taylor, VE3CT, briefed us on the highlights of the QCWA Directors' Meeting held in Toronto last October. Croft then discussed the 2001 QCWA Convention/Amateur Radio Cruise and showed a video of the highlights of a Holland America cruise ship. The Hamfest Season is just getting under way in Florida, and Chapter 53 should be showing the QCWA banner at the Sarasota Hamfest in January and the Miami Tropical Hamboree in February. Suncoast Chapter has a luncheon meeting the first Thursday of every month-October through May - at Denny's, 3701 Bee Ridge Road, Sarasota. "Snowbirds" and sojourning QCWA members are always welcome!

Jack Sproat W4JS - President

Chapter 154, Leo Meyerson

On Thursday, October 19th, our first meeting of the Fall season was held at Marie Callendar's in Rancho Mirage. In lieu of a speaker, a video entitled "Spark Gaps" was presented. The video was an enlightening and reminiscing review of the early days of wireless transmission. The speaker on the video was a gentleman who had lived at that time and had a collection of home brew equipment that he had built. He demonstrated rotary spark-gap transmitters, crystal detec-

tors and talked about flattop antennas. Following the video, a round table discussion generated much talk about what the members did in their early days of ham radio. Our own Bart Susman, K6UNR, on "DX QSLing", treated members attending the November 16th meeting to a very interesting talk. This was followed by the video entitled "Last Voice from Kuwait." It chronicled the activity of an heroic Kuwaiti ham who defied the Iraqis during their invasion, by transmitting intelligence information during Operation Desert Storm. Our monthly luncheon meetings are held on the third Thursday of each month at Marie Callendar's Restaurant in Rancho Mirage at 11:30am. All members and their guests are welcome.

George M. Underberger W6WAS - President

Chapter 64, El Paso

The Chapter 64, El Paso, Texas QCWA club meets the third Saturday of every month at 11:30 a.m. at Buck's Bar BQ on Sanders and Dyer Streets. Guests are always welcome.

Orley Unrah, was presented a 50-year Operating Certificate KI5DH, at our October meeting. Orley was first licensed in March 1950, at Las Cruces, NM with the call of W5RFN. He was a charter member of the Las Cruces Amateur Radio Club.



Manny Gonzalez, W2BFI presented Orley Unrah, KI5DH with his 50 year Operating Certificate.

26 members and guests enjoyed the annual Sunday morning Hamfiesta QCWA Breakfast at Calrows Restaurant on October 29th. Most of the group were also involved in the weekend Hamfiesta activities of which Chapter 64 is one of the sponsors. A special thanks to Bob Carroll, K5IE, for manning our QCWA table.

The mayor of El Paso, Carlos Rameriz, spoke at the opening ceremony for the Hamfiesta. Tex Burdick, W5BQU, (known across the ham bands as Big, Quick and Ugly) who turned 100 years old in September, was given special recognition at this ceremony. Presidents of all sponsoring organizations were also recognized.

Our centurion, Tex Burdick, was also recognized by 10-10 International and received a certificate from the communications committee as Outstanding Operator, 3rd quarter, 2000. Congratulations, Tex.

We regretfully report another silent key. Joe Barnes, K5FZH, passed away December 3, 2000, at the age of 53, after a long battle with cancer. Joe was a school teacher and was known city wide for his work with students in the fields of video production and broadcasting. Our sympathy to his wife, Margaret, and their three children.

All, especially with the temperature in the 60s and absolutely no SNOW, enjoyed our annual Christmas party. Results of the election of officers announced were as follows: Vice President - C.W.Hiett, N5HRD; Secretary/Treasurer Manny Gonzalez, W2BFI; Directors, Judy Scheiderer, WB5HGL and Bob Rogers, K5HRI.

Jean Carlson KØZRD - President

Chapter 65, Niagara Frontier

Our Annual Meeting and banquet was held at Schettler's Restaurant on 28 October 2000. The following were elected for a three (3) year term beginning 1 January 2001.

BOARD OF DIRECTORS: Bob Rooney W2AET, Hank Kuhn W2IRU, Dan Clark N2DC, Norm James W2VEX, Bob Jones W2OZT, Lorraine Jones K2ZVS, Bob Crooks W2CHB and George Guinther WB2QCK.

OFFICERS: President/Treasurer-Tom Whalen W2QI, Vice President-Larry Rybacki WA2ARA and Secretary Ken Palmer K2FJ.

This year's Meritorious Award went to Tom Whalen W2QI in recognition of his many services rendered to our Chapter 65. President Bob Rooney gave a report on his attendance at the National QCWA Convention in Toronto. He talked with a number of officials about the amount of National dues that appears to discourage adding members. A number of neat door prizes were given out. "Affiliate" chapter membership will be discussed.



Left to right: Bob Rooney W2AET and Bill Hope W2EWT at annual dinner at Schettler's Restaurant in Elma NY.

On 2 December Norm Contrucci W2JWJ became a Silent Key. He was an accomplished pianist and had played at various Chapter 65 QCWA functions.

15 people, a couple of who were visitors, enjoyed the Chapter 65 Christmas Party at the Flying Tigers.

Kenneth Palmer K2FJ - Secretary

Chapter 70, National Capital

How is the Dxing? How is the contesting? Often try these operations on the VHF bands? It seems, in North America, we aren't as active on these frequencies as we could be!

According to Don Dashney VE3RM, operating DX on VHF is pushing the limit on many frontiers, causing one to improve equipment, technique and knowledge of propagation. When contesting seriously, you and your station are being put to a tremendous test. Looking in all directions on VHF is a necessity. Your best antenna and transmission line, good relays, properly operating transmitters, etc. are all brought into play. For DX operation on these bands, a horizontal antenna is necessary and a high location is desirable.

On 6 metres all forms of propagation appear making it very appealing. Direct wave can be used for working a fair distance at virtually any time. This applies to 2, 220 and 432 as well when properly set up. Occasional enhancements on these bands can cause narrow band modes to cover phenomenal distances.

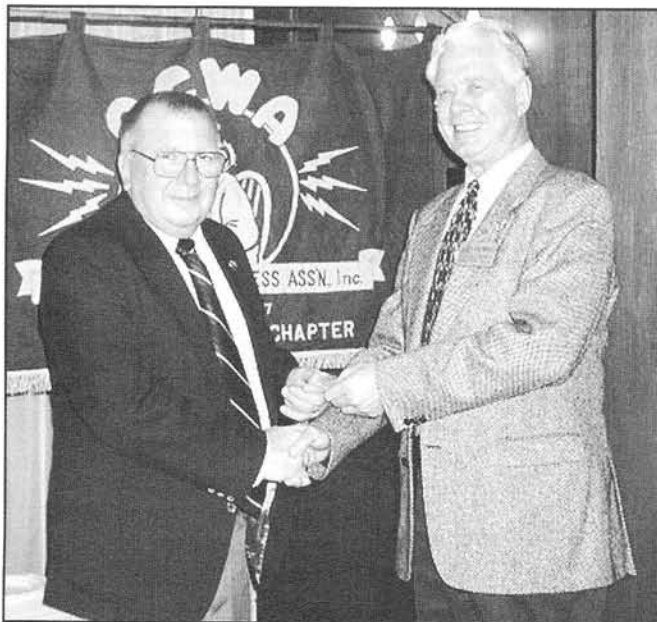
Currently F2 layer of propagation is apparent on 6 metres in most parts of the world. Sporadic E propagation, occurring in the summer, is great for 6, producing a multi-hop. Results can be very interesting! Try it!



Guest Speaker Don Dashney VE3RM.



50-year pin recipients Bob Knapp VE3CDG and Fred Carroll VE3FNX.



Bill Monuk receiving his 40-year pin from International Director George Roach VE3BNO.

A new Executive is in place for 2001: President - Gerry King VE3GK; Vice President - Bob Zieman VE3ATN; Past President Jim Dean VE3IQ; Secretary - Clare Fowler VE3NPC; Treasurer - Keith Bedal VE3GFI; Director - Ken Scrivens VE3LJ; Director - Doug Leach VE3XK.

Joan Powell VE3ZC - Secretary/Treasurer



Most American car horns honk in the key of F.

Chapter 73, Fred Hammond

Highlights of QCWA International Convention held at the Delta Airport Hotel, Toronto, Ontario Oct 13-15th, 2000.

During a ceremony officially changing the name of chapter 73 from the Southern Ontario Chapter to the "Fred Hammond Chapter 73" the new banner was unfurled. Robert Hammond VE3EIL, one of Fred's sons spoke thanking the Chapter for honoring Fred, who passed away Nov '99.

Garry Hammond VE3XN (no relation) of Listowel gave an excellent presentation at the Saturday evening banquet of his recent trip to China, honoring the accomplishments of Fred & others in assisting in the re-establishing of Amateur Radio in China.

Chapter 70 & 73 awards were presented during the convention. Chapter 73 awards were presented to the following:

John Halifax VE3BTE, Doug Hall VE3TB, A.K. Taylor received 65 Year Certificates and Pins.

Tom Atkins VE3CDM, Keith Bentley VE3DHL, Al Bonner VE3FY, William Kirby VE3DJO, Clive Oakes VE3YB, Tom Vince VE3HM, were recognized as having been licensed 50 Years.

Clayton Anguish VE3LU, Ted Bodman VE3CD, Robert Boyd VE3SV, James Cooper VE3CR, W.B. Cruikshank VE3NX, Frank Edwards VE3ER, Jack Fortune VE3VO, Ernest Hanson VE3FX, Keith Jones VE3MH, Herb Lehman VE3BZU, Fred Lewery VE3FGJ, A.A. McArthur VE3DJ, Arthur Spencer VE3AGS, A.K. Taylor VE3WV, Stan Treeby VE3HT and Graham Williams VE3ST were recognized as members of the QCWA Century Club. QCWA President Gary Harrison KØBC made presentations to those in attendance.

At the banquet, Paul Cassel VE3SY received the Meritorious Service Award given by the General Man-



At the 2000 QCWA Convention, Earl Mann VE3EHM receives plaque from QCWA President Gary Harrison KØBC.

ager, Jim Walsh W7LVN and presented by President Gary Harrison KØBC, recognizing outstanding service by a chapter member. Paul was recognized for the work he has done in creating the chapter and convention web sites. President Gary remarked about the excellent web sites in his column in the Summer issue of The Journal.

The weekend concluded with a bus trip on Sunday to the "Hammond Museum of Radio", a stop for lunch at The Plainsman Restaurant in Dundas & a visit to the Warplane Heritage Museum at Mt Hope.



While visiting the 2000 QCWA Convention, Martin Rosenthal VE3MR visited the Fred Hammond Memorial Station VE3HC in the Hammond Museum.

It was announced that this probably marked the end of large 3-day conventions for some time since no Chapters have offered to sponsor conventions in 2001 or 2002. However, next year QCWA will sponsor a Caribbean cruise departing Fort Lauderdale, FL on Oct 27th 2001, for a cruise to islands in the Eastern Caribbean. The trip will be open to all Amateurs, not exclusively QCWA members. Watch for details in the Winter issue of The Journal.

The next meeting of Chapter 73 will be at The Plainsman in Dundas, ON on Saturday May 5, 2001.

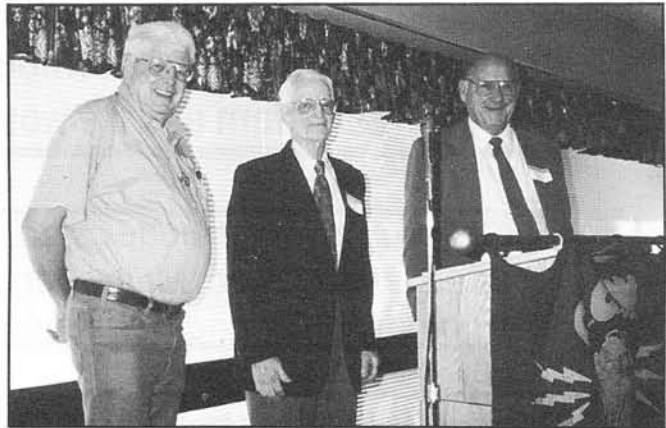
Harold Braun VE3DWH - Secretary/Treasurer

Chapter 75, Central California Coast

Our Fall Luncheon was held on Oct 21 at the Maria Del Sol in Santa Maria, CA. There were 22 people present and all enjoyed a delicious buffet. Our program was about a device called a "Cube Sat"; a satellite restricted in size to a 10-centimeter cube. This satellite is conceptualized, designed, programmed and built entirely by students of Cuesta College.

To tell us about this program, we were privileged to have Ed English (W6WYQ) and Cliff Buttschardt (K7RR) from Cuesta College. These fellows were former teachers at the College and are now assisting the students with the "Cube". Their presentation was very interesting and informative.

Chapter 75 net meets at 3917 on each Sat morning. Early bird check-in is at 7:30 with the net starting



L to r: Cliff Buttschardt (K7RR) Roger Vore (K6YNY) and Ed English (W6WYQ) of the chapter.

at 08:00. We welcome all visitors The Chapter also acknowledged that Mort Brewer (W6JU) is now a SK. Mort was a QCWA member for many years.

Jay Luster (W6QHD) - Secretary

Chapter 77, Northern New Jersey

Greetings to those who read these words - be they members of our illustrious Chapter 77 or those cherished brothers and sisters from other chapters who visit our Chapter 77 blurb. I visit other chapter write-ups all the time trying to "steal" the great ideas out there and incorporate them into our chapter. There's some great stuff floating about.

My apologies to my constituents for not meeting the deadline for The National QCWA Journal. Alas, I am forgiven, not perfect. I need work in that area, (being perfect, that is) along with a dozen others.

The Chapter 77 luncheons have been well attended. President, Bill Fisher, K2GVC has been lining up speakers to keep the halls of Mario's Restaurant, Clifton vibrating nicely. Frank Fallon, N2FF, Hudson Division



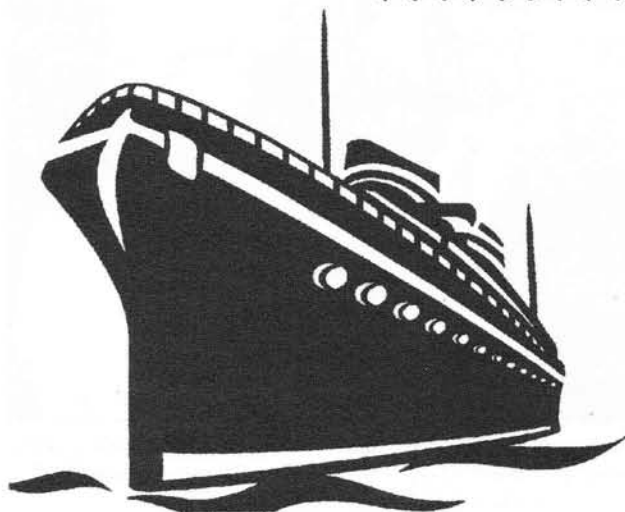
Left to right: Rich Moseson W2VU - Editor CQ Magazine, Gene Filippini AG2R - Sec./Treas. Chapter 77 and Bill Fisher K2GVC - President Chapter 77.

**QCWA 2001 Convention is going on a Cruise
from October 27th to November 4th onboard Holland America's
Westerdam and we would like you to come along**

Ship's itinerary includes stops at Nassau, Bahamas; San Juan, Puerto Rico; Philipsburg, St Maarten; St John & St Thomas, USVI; and Half Moon Cay, Bahamas

| QCWA rates and stateroom categories for the October 27th to November 4th adventure per person | | | |
|---|---|-------|------------|
| | CATEGORY | PRICE | ROOMS HELD |
| N | Inside room, two lower beds | \$649 | 2 |
| LL | Inside room, two lower beds | \$679 | 8 |
| L | Inside room, two lower beds | \$699 | 10 |
| K | Inside room, two lower beds | \$719 | 10 |
| G | Outside room, one double bed, one sofa bed | \$809 | 10 |
| F | Outside room, one double bed, one sofa bed | \$829 | 10 |
| E | Large outside room, two lower beds | \$869 | 20 |
| D | Large outside room, two lower beds to queen | \$909 | 20 |
| C | Deluxe outside, two lower beds convert to queen | \$979 | 10 |

◆ **White Travel Service of West Hartford, Connecticut**
◆ **is handling all the booking arrangements for this**
◆ **excursion. They can be reach at 1-800-547-5790.**
◆ **The above rates are for double occupancy. Port**
◆ **charges, air transportation (if requested), air taxes**
◆ **and government fees are additional. Other state-**
◆ **room categories can be requested. Rates for sin-**
◆ **gle, triple and quad occupancy are available on re-**
◆ **quest.**



**Chapter 162 is our Host
and Larry McCaivy,
WA9JMO is this year's
convention Chair**

Clarification questions and/or additional details can be obtained by calling Larry at (262) 639-7327 or emailing to wa9jmo@wi.net

QCWA's International Convention for 2001 has taken a bold new approach to their traditional yearly conference. In awarding this year's event to Chapter 162, and approving an eight-day eastern Caribbean cruise, your Board of Directors has made it possible for members living outside of the North American Continent to participate. In viewing this eight-day adventure as a vacation with a convention thrown in, allows, in my opinion, a better opportunity to justify the time and expense to you, spouse and/or family members. Haven't you always wanted to take a cruise?

Ham Radio activities that will occur onboard are still being considered. We have written permission to operate a HF station on the ship and are working toward getting a special event call. Three of our ports of call are USA territories. They, the ship and island of St Maartens are members or signatory of the CEPT agreement, which allows us to operate in their territories. Hams need to bring their current original license to operate in CEPT countries.

We will have a cocktail party onboard for our group, and each traveler will receive by mail, a videotape of the cruise and Ham events. Both are complimentary with our Amateur Radio outing. Several folks are working to attract a few well know entertainers, that hold Ham licenses to join us. I am working to garnering a few nice door prizes, some will be cash; and we should also receive a cash rebate. As of this writing, we have one forum scheduled on Collins Radio Equipment.

As this is a first for QCWA and Chapter 162, our onboard Amateur Radio activity plans are still very flexible. We will continue to define, refine and embellish any and all ideas even remotely associated with possible Ham events aboard the Westerdam. Your input would be greatly appreciated. Drop an email message to wa9jmo@wi.net, a FAX to (262) 639-7327, and/or call Larry at (262) 639-7327.

Other than the cost for the cruise, and transportation if needed, as quoted by White Travel Services, Inc. in West Hartford, CT @ 1-800-547-4790, there will NOT be a registration fee. HOWEVER, the registration form below does need to be completed and it or a copy mailed to:

Larry McCalvy, WA9JMO, QCWA International Cruise Convention Chair
5400 Six Mile Road
Racine, Wisconsin, 53402-9741 USA

Name: _____ Call: _____ QCWA# _____
Spouse/Guest: _____ Call: _____ QCWA# _____
Additional Guest(s): _____ Call(s): _____
Address: _____ Email: _____ Telephone#: _____
City: _____ State/Prov/Ctry: _____ Zip/Post Code: _____

Chapter Reports

Director of the ARRL held the "podium" in October. After telling us some of the issues the ARRL is dealing with these days, Frank "hopped a freighter" to participate with a team heading for Granada to give out some OX contacts. A subsequent email indicated he enjoyed his effort and was QRV for some R&R.

December at Mario's had our own Richard Moseson, W2VU manning the rostrum. Just in case you don't recognize the call, HE'S THE EDITOR OF CQ MAGAZINE. Yes!!!! What a guy. He brought us into the realm of how to produce an issue of CQ. Papers with chicken scratching there upon, multi colored cover plates (they need three colors to produce that neat cover). Raw stuff right off the printer from CQ's codrie of award winning journalists. There was a Question and Answer session and an issue of the "Ole Rag" itself, right off the presses. Still wet.....What more can you ask? Is that super or what!!!!!! And you should see what's coming down the Jersey Pike for 2001. By the time you read this, you will have missed Art Storm, K2TRK's talk on "How to build an Ultra lite airplane in his garage" without having your wife divorce you. Yes, he does fly it. Well, you'll just have to drop in to Mario's Restaurant, Clifton, NJ on the third Wednesday of every even month except for April and October when it's the third Saturday of every even month to find out more. If you get that, you will win a special door prize. Just tune in our Thursday night, 8 PM two meter net on 147.030+ for more info or write me, AG2R, Sec/Treas. That's a lot of "stuff" for five bucks a year. Oh yes, bring a friend.

So, hope to see you all there. In the meantime, be good to one another. It's so easy to do; it doesn't cost much at all. Oh yes... ..and life is too short to waste.

73 de AG2R

Chapter 81, Long Island

Firstly I apologize to the membership for having missed the last issue. Our former secretary moved to Florida and as his replacement I failed to pick up the ball. In the meantime we had our 25th Anniversary party on April 29th at 1 pm in the prestigious Millerridge Inn. It was a great success and the room we had engaged, was filled to capacity. The usual; speeches were made - some by members associated with the ARRL. Also the party was graced by the attendance of some members of chapter 181 in Westchester.

We enjoyed ourselves so much that we once again engaged the facilities of the Millerridge for our October meeting, also at noon. Expecting a similar attendance we engaged another room at ground level. However the attendance this time fell far short of our expectations. Any number of reasons could account for that. Nonetheless we enjoyed ourselves in these now intimate surroundings.

Since writing the above, we had our annual holiday meeting on December 6th. Again, we chose a place with festive surroundings, namely the Milleridge Inn. Again, the chapter underwrote a sum to allow the membership a dinner in a private room for \$20. Although we expected a greater attendance, (19) we enjoyed ourselves thoroughly. Speeches were held to a minimum

Frank, N2FF ARRL SM presented Diane Ortiz, K2DO (both ch.81 members) with the "2000 Philip McGan Silver Antenna Award For Public Relations". This is an ARRL national award.

W2TLC - Secretary

Chapter 82, Sailfish

The monthly meeting of Sailfish Chapter 82 is held every third Friday of the month at the Flamingo restaurant in Stuart, Florida. At the November meeting we had an increased turnout because of the returning snowbirds to the south. W8BIX Andy came down from Vero Beach to visit. Everyone was glad to see him again.

Mike WA2ANQ then told the group that he had just spent his summer traveling 10,000 miles on his BMW motorcycle. Which took him from Florida to New England out to Colorado and the states around the Rockies, Then back to the northeast and subsequently back to Florida. This proves that you can be a member of QCWA and still be young enough to have a great adventure.



President Norm Dias W1UHY is presenting a 65-year certificate to William Klink KA4MWG

We will have a QCWA table at the Martin County Amateur Radio Association's Hamfest to be held in March 2001 at the Martin County Fairgrounds again this year to try and recruit some new members for QCWA and Chapter 82.

Norm Dias W1UHY - President

Chapter 91, Vic Clark

October Field Trip-National Cryptologic Museum

Eleven members and XYLS went to the National Cryptologic Museum at Fort Meade, MD. What a delight! Dave Furman, W3VK, a regular docent at the museum, was our guide. We enjoyed seeing Enigma, the primary cipher machine used by the Germans during WWII. The museum also has on display several versions of the bombe, the British/American adaptation of a decryption device turned over to the British by the Poles when Poland was invaded. The story of the Allied discovery of the rice-paper Japanese codes

also was quite fascinating. (See story and pictures on Bombe elsewhere in this Journal) This museum truly is a must-see and is of especial interest to women whose significant role in American cryptology is well displayed. After the tour, we were guests of our President, Lew, W4SWP, at the Ft. Meade Officer's Club.

November Meeting

Twenty-three members and guests gathered for our November meeting featuring guest speaker Frank Donovan, W3LPL. Frank has one of the very best multi-operator, multi-transmitter contest stations in the world, producing world-class scores in virtually every DX contest. In addition to being a world-class operator, Frank gave a world-class presentation. Rather than focus on his equipment (he has plenty!) and the awards he has won (plenty!), Frank told many anecdotes about the people who "elmered" him, putting a very human face on his successes. Frank also described his current station, a custom home on 10 acres; seven towers, some 200 feet tall; HF antennas with az-el control; 12 Beverages for receiving; full-size quads on 80 and 40; a station with 12 operating positions; and lots more!

We unanimously re-elected the four officers who have guided and served us so very well this past year:

| | |
|----------------|---------------------|
| President | Lew Bradley, W4SWP |
| Vice President | John Johnston, W3BE |
| Secretary | Dick Rucker, KM4ML |
| Treasurer | Nelson Seese, W4BHD |

December Meeting

President Lew Bradley, W4SWP, welcomed 31 members and guests to our annual holiday party, where we celebrated the season and renewed old friendships. The "Day Time Quartet," (DTQ), a barbershop quartet, sang some oldies, some newies, and invited us to sing several Christmas carols with them. Then Jim Wilcox, W3WV, presented a detailed slide show of our club station. There are no words to describe this presentation. Suffice it to say that none of the rest of us has ever actually been at this multi-billion-dollar station, and Jim occasionally has been known to exaggerate just a bit.



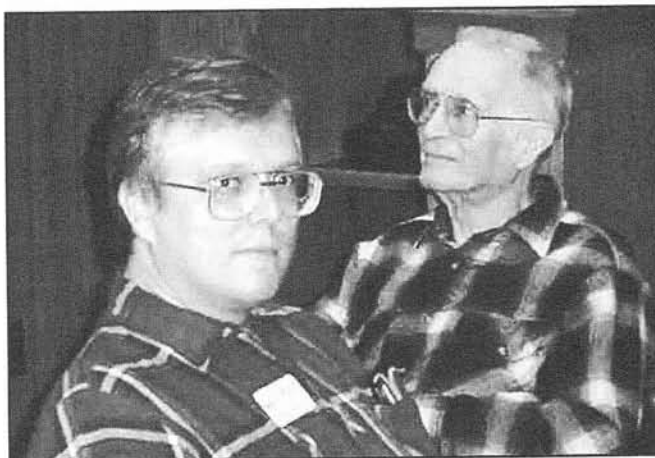
This photo is of Santa John Swafford, W4HU, and his two elves: Lew Bradley W4SWP, President of chapter 91 and John Johnston W3BE, Vice President. Santa and elves handed out about \$600 in gifts to those men and women present who were lucky enough to hold a winning ticket.



Judi Booker, W3HB, and mate of Jim Wilcox, W3WV, looks over the display honoring the women who did cryptology work during WW II.



Jack Kelleher, W4ZC, his son Gerry, KA5KMN, and Jack's wife, Margaret at the holiday luncheon.



Steve Putman, N8ZR, a QCWA member visiting us from Ohio, and Jack Kelleher, W4ZC. The occasion was the November meeting at which W3LPL kept our attention and answered many questions.



Wayne Cooper, AG4R, whose attention is being held by Frank Donovan, W3LPL.



John Swafford, W4HU, and Jane Starkey. John was our Santa Claus, as he has been every year since we can remember.



Betty Johnston, N3PKX, wife of John, W3BE, and Joan Johnson, K4JRJ, wife of Ray, K5RJ, showing off the gifts that Santa (W4HU) and elves gave them.

Visit from S4NTA! Santa John Swafford, W4HU, and his elves distributed toys to the good little girls and boys (we all qualified). Presents included those brought as exchange gifts by the members; a multimeter given by Jack Kelleher, W4ZC; several ARRL publications, courtesy of the ARRL; and many more excellent gifts—courtesy of the chapter—carefully selected by elves Margaret Kelleher, John Johnston, W3BE, and John's wife, Betty.

Happy New Year to each of you from Chapter 91!

(Our chapter newsletter contains much more detailed and interesting information about all the above and more!)

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Chapter 92, Northern Lights

QCWA's Northern Lights Chapter 92 hosted its annual dinner meeting at the appropriately named Northern Lights Hotel in midtown Anchorage, Alaska. We had over two-dozen members and guests descend upon and devour a most excellent buffet line, with two kinds of ice cream for dessert!

Since the Northern Lights Chapter attempts to hold this meeting on the Saturday closest to Veterans' Day (in this case exactly on Veterans' Day - the 11th of November), the members traditionally use this opportunity as a fund raiser to purchase meals for homeless and recovering veterans. Chaplain (Captain) Marion Daniel, KL0UP gave a brief talk on the plight of homeless vets in sub arctic Anchorage, and enough money was raised on the spot to procure twenty Thanksgiving dinners for these needy people. Chapter 92 has received a certificate of appreciation from Chaplain Daniel on behalf of the recipients, and a copy was faxed to QCWA Headquarters in Eugene.

Chapter President Jim Tvrdy, KL7CDG led a spirited discussion on potential directions for Chapter 92 in the new millennium. Chapter Vice President Jim Wiley, KL7CC briefed the assembly on the upcoming All Ham Club Consolidated Christmas Dinner and



Left to right: Del KL7HF (dark glasses), his wife Jan (on his right), Hal KL7ITI, John KL7IE, Julie and Randy AL7PJ (hidden behind guest), Debbie and empty chair belonging to Jim KL7CC who was off checking the buffet.



Left to Right: Liz Tyrdy (XYL of KL7CDG), Ellie Rieter (XYL of KL7ITI), Marge Sappah KL7YG, Bruce Barger KL7D, Chuck Sappah KL7PJ, Earl Plumb KL7EQX, Freddie Plumb WL7CQ, and the empty chair belongs to Jim Tyrdy KL7CDG.

Chinese Auction, of which event QCWA is a proud sponsor. After three hours of rag chewing, eating, drinking, and making merry the members and guests of the Northern Lights Chapter of QCWA declared victory and departed the scene with fond memories of an evening of excellent fellowship among all participants.

Craig Bledsoe KL4E - Secretary/Treasurer

Chapter 100 - East Georgia

December 21 2000 was the annual meeting of Chapter 100, East Georgia Chapter. After dinner the president, K4PSW, spoke about the local tornado he worked in with the American Red Cross. Damages to homes, trailers, and other buildings were discussed. People's attitudes were good at the tornado site. They told the K4PSW that they were glad to be alive and can rebuild. The president, K4PSW, then went on to announce the birthdays for November and December. He talked about the annual report and asked for a volunteer for the secretary job. No takers so it is still a dual job. Andy, K4PSW, then talked about the gifts that were



Andy Anderson K4PSW presents toys to Jennifer Nash , abused children's home representative.

brought to the meeting for the Abused Children's Home and introduced the representative, Miss Jennifer Nash, who spoke of the many things they do with and for the children. She talked about the different ages and how they are affected. She was quite pleased with the large number and different types of gifts presented to her by K4PSW. The meeting was then closed after wishing everyone a Merry Christmas and a safe journey home.

Merry Christmas and a Happy New Year to you and the staff and thank you for another wonderful year in QCWA. I hope to have some new members this new year as we all get one year older.

Andy K4PSW

Chapter 102 Report for Winter Journal

(Report missed in Winter Issue)

Dakota Chapter 102 members have been busy this summer. They were among the local area hams that furnished communications for the Mount Rushmore Trail 100 mile endurance run held on July 29,2000 and also on August 20,2000, the 7th annual Mount Rushmore Century Bicycle Ride, sponsored by the Rapid Valley Lions Club. The proceeds going to the Black Hills Regional Ski for Light Program.

Between August 19 and 20, 2000, Special Event Station NOVJ commemorating the end of W. W.II in the Pacific was on the air from under the wing of a B-29 at Ellsworth Air Force Base near Rapid City, South Dakota. The event offered a certificate signed by Col. Paul Tibbets commanding pilot of the B-29 Enola Gay. Over 1,000 contacts worldwide were logged during the operation including many amateurs who had a direct connections with B-29s during their service years. Dakota Chapter 102 provided relief operators who logged a number of hours during the event. We hope to repeat this operation again next year.

On August 27 and 28, 2000, amateurs in the Black Hills area were called upon to provide emergency com-

Chapter Reports

munications during the early stages of the Jasper Forest Fire. Operations were set up and staffed 24 hours a day at Red Cross Shelters in Custer, Hill City and Rapid City, South Dakota with additional amateurs monitoring the back up H.F. and VHF frequencies from their homes. Cell phone operations are severely restricted in the area as a result of the hilly terrain and amateur radio operators were able to provide critical communications for the Red Cross and area fire departments until relieved by the National Red Cross communication team. VHF frequencies were monitored for an additional time period as back up to local fire departments staged on the fire line. Chapter 102 members provided on the scene operators for a significant portion of the operation.

Who's Who in One O Two

Rupert "Buck" Potter, KØODY (formerly W5SDM, DL4YJ, AEIX!, W8WV, K4PDK, DL5EW, AE1EWK), QTH Sturgis, South Dakota. Buck is a Life Time Member of the ARRL and TEN-TEN International Net. He is a faithful husband and the father of 4.

Buck passed his first ham test in 1951, and his first station consisted mainly of surplus military equipment, he can't remember what type it is was. Anyway, with that and a bunch of junk parts, he was on the air. He said boy, what a thrill, I'm sure we all shared that same feeling. Money was at a premium for many years, consequently, surplus gear was in high demand, and after modifying them they worked, that's all that really counts.

Today his station consists of a computer controlled Signal/One Transceiver, an Alpha 87A amplifier, Kenwood TS-940S, Kenwood TS-600 and two TS-700As. His antenna system consists of a four element custom designed Dual-Band yagi that uses two driven elements that is mounted on a Standard 50 foot crank up tower. He also has a 250-foot dipole for use on the 160-80 meter bands.

In addition to his Extra Class License, Buck has a Radio Telegraph 3rd Class License, a Life Time General Radio Telephone Operators License with a Ship Radar Endorsement, Buck is also a Certified Senior Engineering Technician.

In 1939, Buck enlisted in the Army at Fort Meade, South Dakota, for an overseas assignment. Thus he embarked on a 23-year career, which involved 51 countries and 49 states. His specialty was radar. After the 23 years he retired as a Chief Warrant Officer. During part of his military career, he was 1 of 10 chosen from the entire Army, to assist Dr Van Braun in launching the first United States Satellite. During WW II, Buck landed on Normandy Beach and received a Medal from the French Government.

Buck has done a lot of instructing, which fueled the notion of his becoming a teacher, so in 1969 he enrolled in the University of South Dakota at Springfield. For him to get what he wanted required eight years. He combined everything into four years and made the Honor Roll three times and graduated with four degrees, one Bachelor Science in Education with a minor in Psychology and three Associate Degrees in Electronics. He was issued a Teaching Certificate, which entitled him to teach Vocational Electronics. The heart-warming part of it all, he had the privilege of graduating with his youngest son.

After talking with his oldest son, who worked for the Homestake Gold Mining Company, at Lead, South Dakota; he followed up on his suggestion, and applied for a job with his company. With Buck's expertise, he was hired on the spot. His pay was more than twice that of a teacher and would only have to spend a third of the time, how could he possibly refuse such and offer. A few of his duties involved TV Monitors, Computers, Surface Radio Communications, Under Ground Radio Communications (on the 4850 foot level, which included Repeaters), Tone operated, Remote Radio Controlled, Pager and Video Camera equipment. After working at the mine for over 12 years, he retired.

Buck said, even though I'm 80 years old, I still get a big thrill out of Ham Radio and consider Hams the top of the line.

Roger Kehm KØROG - Vice President

Chapter 102, Dakota

Wintertime is the Northern great plains shows somewhat of a decrease in ham activities for our chapter's members. But since the last report, 102 members helped furnish communications in a combination bicycle ride in the Black Hills. It was a combination activity with 50 and 100-mile bike riders. Again this year, there was a hundred mile run on the Black Hills Centennial Trail starting a day break on a Saturday and for those that went the whole route, ending Sunday afternoon, covering up to 100 miles. Some hams camped out all night. We had members helping to setup a ham station and antennas, plus operating in the National Weather Services sponsored Amateur Radio Special Event Stations, in their Rapid City office. All amateur communications was greatly appreciated by the event organizers. Please stop by and say hello during our Sunday morning net, which starts at 1400Z on or about 3889 KHz. Net Control call is WØDAK.

Who's Who in One O Two

Dave Dekker, KØERM, QCWA number 19043. QTH Mobridge, South Dakota.

Dave joined the US Coast Guard in 1956. He was unable to decide if he should take an Electronic Technician or Radioman course at the Coast Guard Training



Dave Dekker KØERM at his station in Mobridge SD.

School, so after calling his brother Bob (KØRO) in Nebraska, he decided it would be easier to learn code if he took the Radioman School in Groton, Connecticut. After 17 weeks of training he was assigned to the Coast Guard Cutter Cook Inlet in Portland, Maine. Dave eventually got the chance to "strike" for the radioman job. He advanced in rate quickly making Radioman 2nd Class Petty Officer (RM2).

After being honorably discharged in 1960 he and Nancy, his wife that he married about a year earlier, returned to Dave's home in Nebraska. Having a brother active in amateur radio was a big help in getting started in the hobby. He had the equipment including a Viking Ranger that he could run at less than the requirement of 75 watts; he immediately tried for his first ham ticket. Although he had to take the test twice before finally getting past the theory and regulations he received his first call KNØERM in October 1960. Getting on the air was not a problem with all the fine equipment his brother had including a 3-element beam, he went to work on the novice bands. Enjoying CW, he could be found on the novice bands day and night. He got his General license in 1961. After his first child arrived, the hobby was temporarily put on the back burner, while Dave while was raising his family.

Dave moved to Mobridge, SD in 1974 where he met a new bunch of hams. It was then that he actively returned to the hobby with a Hallicrafters HT 37 transmitter, HQ170C receiver and a long wire antenna. Later switching to a vertical and working DX, which became his weekend passion, he now has 125 confirmed DX contacts. His current station consists of a Com IC751A, Kenwood 2 meter rig and a Radio Shack 2 meter HT. Dave uses a G5RV connected to a turner, 3 element Tribander and 40 meter dipole. He is also a member of the Coast Guard Operators Club. An ARRL member, among some of the wall paper he has gathered over the years are the Brass Pounders League award in 1986 and a Public Service Honor Roll certificate from the ARRL in 1988.

Dave was elected Secretary/Treasurer of the Mobridge Area ARC in 1986, and elected Secretary/Treasurer of Chapter 102 in 1987, he still holds both offices. He was asked to reorganize the chapter, which resulted in the organizing of the chapter's Sunday morning net and combining North and South Dakota hams into the Chapter. Dave has been a driving force in keeping this chapter active. He thrives on CW. Most of the time you can find him in those bands.

Roger Kehm, KØROG, Dakota Chapter 102 Vice-President

Chapter 112, Yankee

The Yankee Chapter held its annual Christmas party at Dewey's Restaurant in Lakeville, MA on December 9, 2000. Twenty-two members and guests attended. After a great lunch, a brief meeting was held, presided over by Chapter President Fred Ravens, K1QLG, which approved a donation to the scholarship fund in memory of our recent Silent Key, Len Hadley, W1YGC. After the meeting, member Ernie Bosselman, W1DO, presented slides and stores of his search for DXCC (his count currently stands at over 300 countries). After Ernie's talk, the meeting concluded with

the gift swap and awarding of the door prize.

Chuck Walbridge K1IGD - Secretary

Chapter 146, Twin State

A luncheon meeting and Holiday Party of the Twin State Chapter was held at the Weathervane. Our second use of this new facility was again quite satisfactory. A total of 13 chapter members and guests were present, including National Director Harold Chase W1EES. A mystery grab-bag yielded a few unusual surprises.



At Twin State Chapter meeting in December left to right: Tony Goceliak WB2LJW - Treasurer, Dan Truland W1YCZ - ex Vice President, Gregg Stephenson W1DGC - Secretary, guest Harold Chase W1EES - QCWA National Director, Bob Kelemen W1US - Vice President and Carl Breuning N1CB - President.

In a short business meeting called by Vice President Dan Truland W1YCZ, the following officers were elected:

President - Carl H. Breuning N1CB, Vice President - Robert J. (Doc) Kelemen W1US, Secretary (re-elected) - J Gregg Stephenson W1DGC and Treasurer (re-elected) - Anthony J. Goceliak WB2LJW.

Net Activity - For the record, net activity for the 2nd and 3rd quarters 2000 as follows:

The Twin State Chapter 146 Radio Net is active every Sunday at 0830 Local Time on 3897 kHz+. Check-ins are encouraged from any amateur station.



At Twin State Chapter meeting in December elected officers left to right: Gregg Stephenson W1DGC - Secretary, Tony Goceliak WB2LJW - Treasurer, Bob Kelemen W1US - Vice President and Carl Breuning N1CB - President.

W1ALE and W1DGC/K2DGW led the number of check-ins for 2nd and 3rd quarters 2000 with 13.

J. Gregg Stephenson W1DGC - Secretary

Chapter Reports

Chapter 149, Nutmeg

Many of us have reached an age where we are no longer adept at climbing on roofs, scaling towers and the other hazardous outdoor tasks so necessary to maintain our antennas. Our enjoyment of Amateur Radio and our ability to serve in emergencies are lessened when antennas are not kept in perfect operating condition. Nutmeg Chapter's President, Paul Taylor, K1AFI, and Treasurer, Rich Monahan, K1FPP, decided to do something about this problem to help their friends. They travel about the state repairing and erecting antennas for their friends and neighbors. Since starting earlier this year, they have erected or repaired antennas or feed lines for the following members of Nutmeg Chapter: K1BVY, Art Gorschel in Tolland, W1DCM, Tom Guadiana in Waterford, K1LBE, Jim Culley at Gales Ferry, K1KQW, Harry Sussman in Waterford, W1KHL, Cal Bennett, both at his home in Wilton and at his summer place in Middletown, W1NJM, George Hart in Newington, W1DIT, Clete Dunn at Waterford, and W1PMB, Russ Lewis at Lyme Connecticut, plus W1AKV John Soderberg at Andover, VT and W1IUN, Gabby Hayes at Dublin, NH. The whole program apparently got its start when Rich went to Norwich to help Paul with some work on his 75 and 160 meter dipoles. Their trip to help W2WBB, John Erkan, west of Albany NY, was their longest distance job, requiring from six AM until 1130 PM, including travel time, to correct a problem in the 75 meter dipole of this member of the 4-PMers net.

Rich, an experienced athletic type, does the climbing, while Paul handles transportation, instrumentation, soldering, pre-assembly, and preparation of connectors and fittings. They repair or replace antenna systems just for the fun of it. Each such job is done in the form of an outing or party, and usually includes lunch with the "customer." Some times one or two other members of the chapter go along for the ride and the sociability of it.

Many jobs, with travel time, take about an entire day, and some have required more than one day to complete. Chain-saw work was required to clear some trees which impeded one antenna repair job. Paul and Rich carry their own tools and instruments, and obtain some of the necessary parts and materials from Tom Evans, W1JC, who is well-known in this area for his small retirement business of manufacturing and selling amateur antennas. Paul has started referring to Rich as "William Tell", because of his excellent results with bow and arrow in getting wires over the tops of 100 to 120 foot tall trees. Their work has included antennas for just about every band from 2 to 160 meters, but has been mainly to do with the 75 meter antennas used for the weekly chapter net.

Rich and Paul do this wholly volunteer work not only to enjoy the satisfaction of a job well done, but also for the warm feeling of helping a fellow ham to enjoy his hobby to the fullest and provide the service for which we are licensed.

Don Steele WINFG - Secretary

Chapter 162, Southeast Wisconsin

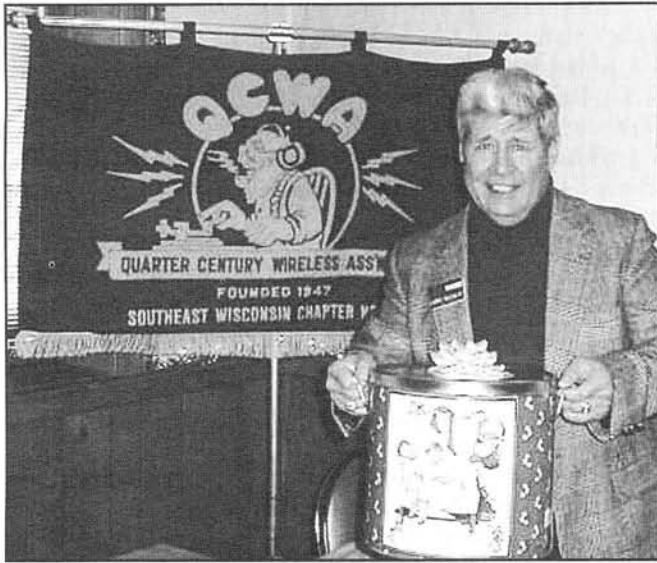
On a bright beautiful fall Sunday afternoon in October, 19 members and guests met to celebrate the season at our Annual Meeting, elect a slate of directors and sample the fine cuisine offered at a local restaurant. After the smoke had cleared and the ballots counted, the four new directors; Ken Knoff, N9NBC; Fern Fisher, W9LCJ; Herb Ladwig, W9PHJ; and Chuck Knotek, W9GKM; met with the three hold over directors, Larry McCalvy, WA9JMO, President; Ron Fox, K9AKH, Vice-President; and Bob Jensen, W0WLN, Secretary/Treasurer; and voted to retain the latter three to the offices they currently held. The president thanked our outgoing Directors, Spencer Clope, W9LDH and Ed Konicek, W9NVK for their time, talent and dedication.

November found our chapter members enjoying an excellent art exhibit tour prior to the monthly business meeting. Our host, the Wustum Museum of Fine Arts in Racine, and their opening display of Wisconsin's 2000 Water Color Festival coincided with our meeting and our viewing pleasure was enhanced as they provided their Mr. Peters as our tour guide. The show was outstanding as Mr. Peters pointed out style, texture, and color as well as explaining the different types of material used in papermaking. For someone who cannot even color coordinate a pair of slacks and a shirt, I have gleaned a greater and growing appreciation of the artist's work and use of color during these annual event.

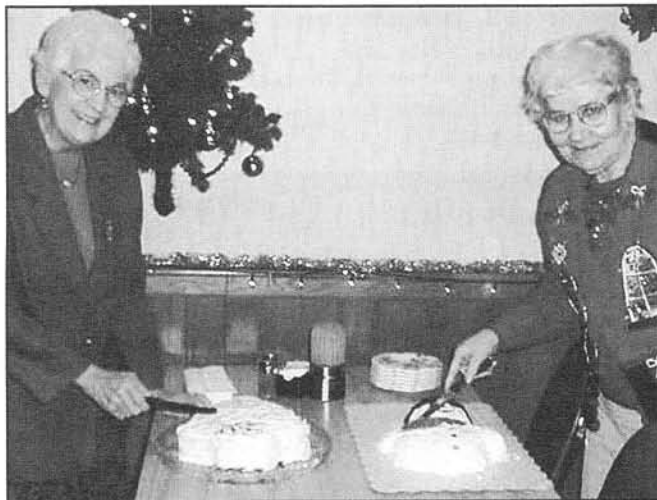


The Chapter 162 honorary Olin Fox Award for excellence was presented to Lloyd Gorsiski, WB9RGO for his service to Amateur Radio.

Our Olie Fox, K9AKG Award Committee, Fern, W9LCJ; Ken, N9NBC; and Bob, W0WLN, past recipients of this award, were asked to search Southeastern Wisconsin for a candidate worthy of this recognition. I am happy to say that this goal was achieved and the presentation took place during our annual Christmas party at



Larry McCalvy, WA9JMO, Chapter President and the last Christmas gift selection.



March Knotek (XYL of W9GKM) and Marie Konicek (XYL of W9NVK) show the two cakes baked for the Chapter 162 Christmas party.

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BLIND PAID-UP MEMBERS ON AUDIO
CASSETTE TAPE. FOR MORE
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the Fireside Restaurant in Kenosha on December 10th. The 5th Annual Olin Fox, K9AKG Recognition of Excellence Award was presented to Lloyd Gorsiski, WB9RGO for outstanding service to his community and our hobby. Congratulation Lloyd!

We had a grand time exchanging gifts; but I am afraid we left quite a mess for the waitress to clean up.

Our final gifts were two wonderful homemade cakes prepared by Marcy (Chuck, W9GKM) Knotek and Marie (Ed, W9NVK) Konicek from old family receipts handed down through the centuries so we poor radio operators could sample a little slice of heaven here on earth. Ladies the cakes were wonderful; I should know as I had a very large portion of each.

Larry McCalvy, WA9JMO, President

Chapter .169, Sacramento Valley

The Sacramento Valley Chapter had very interesting meeting speakers during the last quarter. Our October meeting saw Charlie Faulkner AA6MP, give a very informative talk on PSK, the new digital mode. In November we were delighted to welcome Lt. Stephanie Barlis, USCG, a pilot of a C-130 airplane attached to Search & Rescue Operations-Law Enforcement, who reviewed their operations in Northern California. In December, we had the pleasure of hearing from Ken Stuber, N4KS, Telecommunications Engineer with the City of Sacramento. Ken filled us in on Public Safety telecommunications within the City and also the County of Sacramento.

At our November meeting, Paul Wolf, W6RLP, chapter President, presented 65 year Service Awards to Don Johnson W6AAQ and Norm Brooks K6FO.



Left to right: 65-year awards were presented to Paul Wolf W6RLP - Chapter President, Don Johnson W6AAQ and Norm Brooks K6FO.

The Sacramento Valley Chapter meets the second Wednesday of each month at Lyons Restaurant, located at 1.000 Howe Avenue in Sacramento, CA. Members and guests start gathering after 7 AM with a no host breakfast at 8 AM. The meeting generally takes place after breakfast. Lyons has been offering a very good senior breakfast menu.

If in the Sacramento area on the second Wednesday of the month you (includes YLs) are invited to attend our meeting. Contact Paul Wolf, W6RLP at (916) 489-8112 for further information.

Gary Stilwell, KI6T - Secretary

Chapter Reports

Chapter 174, Wisconsin Badger

Chapter 174 members gathered at The Hoffman House for a noon luncheon at 1130 with many eyeball QSOs before, during and after the excellent meal.

Pres. Wayne Johnson K9MIF called the meeting to order at 1300 with introduction of Members present. Lew K9JPS & XYL, Dean K9P, Maury W9FBC, Jim K90QO, Al NGOC & XYL, Charles W9CUW & XYL, Barry WZ7V, Richard K9PJB, Bob W9NN, Reno W9NA & XYL, Wayne K9MIF Betty WD9AUC, Gus W91HW & XYL, Bob N9UAR & XYL and Norm N9MDZ. Question was asked when members were first licensed and we found that 1920 was the earliest year - held by Bob W9NN.

K9JPS read the minutes of the last meeting. Minutes were approved as read.

Treasurer's Report by WD9AUC showed a balance in checkbook of \$366.14 with all bills paid. Betty notes that the bank has been charging \$10.00 per month for use of checking account. She called bank and now has that money coming back to us. Also the bank advised that they have issued Chapter 174 a new account number. Betty Stated that she told the bank if they were going to do that then they could print us some new checks at no charge to Chapter 174. They agreed. Correspondence: None, Old Business: None and

New Business: The further meeting schedule was discussed and it is found to be that with all activities that everyone is involved in and summer events that the meetings for Chapter 174 could be changed to meet every September each year. This would be the time election of Chapter officers would be held. It was decided to go ahead with this plan. W91HW made notice to the fact to try to avoid dates in June and October, because of other Amateur Radio meetings in state of Wisconsin. Motion and accepted by voice vote.

Announcements that W9FZC John LaBlonde and K9ANV Ray Suderland passed away in the past year. K9MIF also said that the Son of W9TQD Lee Parson's passed away unexpectedly last Week. Instructed K9JPS to send a sympathy card to Lee and his wife.



L to r: Howie W9HJ, Bob W9NN and Joe W9JUV at W9DXCC Bash at Rolling Meadows IL in September 2000. All were three of the original people left that attended the first convention held in 1953. W9NN was a co-founder and is also a charter member.

The following slate of Officer's were kept for another year.

President - Wayne Johnson K9MIF, Vice President - Bob Baird W9NN, Secretary Lew Sheerar K9JPS and Treasurer - Betty Johnson WD9AUC.

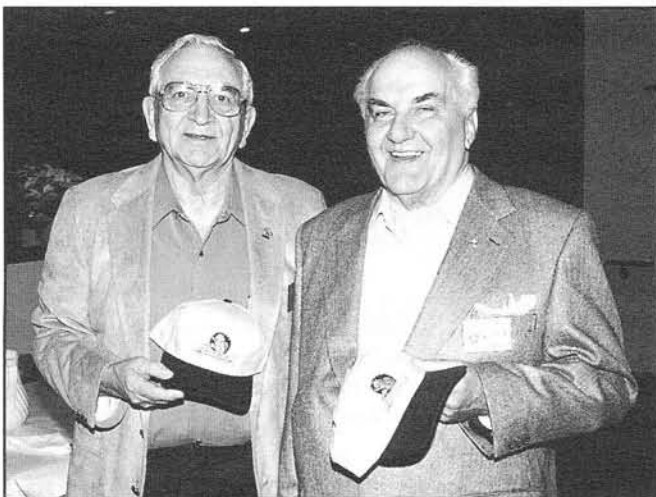
Board of Directors: K9PJB Dick Drew, K9UTQ Gene Santoski, K9WVM Al Mallek, K9CJM Tom Liska and W9JN John Feltz.

K9JPS, Lew Sheerar then presented a very interesting slide and video program of the building and raising of the new Digital TV tower on Rib Mountain during the last summer. It was greatly embellished by fact, figure6 and narration from our guest K9PT Dean Jasewski, who also had parts of the copper conduit which carries the coax cabling From the equipment building to the antenna's atop the 545-foot tower. Three antennas' sit on extensions at the top of the tower. The meeting of program was concluded with question, comments and visiting. Thanks go to Dean and Lew for the great show.

Lew Sheerar K9JPS - Secretary

Chapter 175, Oregon Coast

The month of November 2000 marked the Oregon Coast becoming an active Chapter in our list of Chapters and electing some new officers to lead them on an adventurous path.



Left to right: President Carl Schmauder, K7EWG and Secretary/Treasurer Chuck Couch, WA0LCK with their new QCWA caps at meeting.

Approximately 35 members and guests who enjoyed a nice menu and some spectacular views of the Pacific Ocean attended the meeting from the dinning room windows. Plans are in place for the next meeting, which will be well announced to everyone in advance.

Jim Walsh W7LVN

"Kemo Sabe"
means "soggy shrub" in Navajo.

Chapter 181, Hudson Valley

A meeting was held on October 21 at the PENNYBRIDGE TAVERN, at the Hilton Inn, in Tarrytown, NY. 26 members and guests attended it. Several special friends were invited and were present. In the absence of President Harry Moore, W2JQS, Vice President Sy Yuter, W2NBT, chaired the meeting.

This meeting was a memorial to the late Julian Hellbroner, WD2ADT who had left us just short of the age of 93. Julian had passed away quietly while looking at photos with visiting relatives in his living room. His two sons and two of his grandchildren attended and took part in the open floor recollections of attending friends. The many interesting remembrances made it clear that Juttan was widely thought of, as a most helpful and witting friend to all. We will miss this very pleasant person greatly. The memorial was organized and led by George Goering, K2DCL.

After an interesting prize drawing, the meeting was adjourned.

Dick O'Brien NJ2J - Secretary

Chapter 188, Lost River

Our local QCW A Lost River Chapter # 188, Klamath Falls, Oregon, recently found out for sure that the young lady whom we sponsored for a scholarship had been accepted for the second year. She is Jessica Asbill KC7YET, from Dairy Oregon. This is such a wonderful thing that QCW A does for these young students.



Carolyn Brooks AB7ET President presenting Ray Balch K6VX with 50-year and Continuous 50-year certificates.

One of our members from Macdoel in northern California, Ray Balch K6VX, received two certificates, one for 50-year and one for continuous 50-year. Quite an accomplishment, and Ray is active in DX.

Our chapter meets each month on the third Thursday, at Mike & Kathy's Restaurant in Klamath Falls, for a luncheon meeting. We always have a good turnout, and a few times have had an overflowing crowd, but everyone seems to enjoy the company.

Carolyn Brooks AB7ET

Chapter 192, Puerto Rico

Members of Puerto Rico QCWA Chapter 192 participated in a commemorative activity in honor of Samuel F. B. Morse held last October in the town of Arroyo, in the southeastern coast of Puerto Rico. The Puerto Rico Amateur Radio League and the Radio Amateur Federation of P.R., with the full support of Arroyo's municipal government, sponsored the activity.



Commerative plaque in honor of Samuel F.B. Morse in Arroyo Puerto Rico

Morse lived in Arroyo between 1858 and 1859, at a farm owned by his daughter Susan and his son-in-law Edward Lind. During his stay there, the famous inventor established the island's first telegraph line, which connected the Lind's inland farm complex with their offices and warehouses in the seaport area.

The Puerto Rico Chapter of the Daughters of the American Revolution placed a plaque in Samuel Morse's honor in Arroyo's town square in 1954 (see photo) and the town's main street is named after him.

Jose M Toro KP4RK

Chapter 194, Hawaii

Hawaii State QCWA Chapter 194 recently held its fall meeting in Hilo on the Big Island. Thirty members and guests, including five (5) guests from the mainland, were in attendance.

Sam Kumukahi, KH6AFS, delivered the keynote address. Sam who is respectfully referred to as 'Uncle Sam' is a renowned storyteller and DXer. He guided the audience through Hawaii pre-WWII amateur radio and Islands history to the present. He also presented



Sam Kumukahi KH6AFS presented nearly 60 years of Hawaii amateur radio and history as one who was, and is, there.



Sec./Treas. Paul Lieb KH6HME. Looks on as President Clarence Smith AH7A presents Dean Manley KH6B with 50-year certificate and Jack Wheeler KH6CC with 60-year certificate.

vintage pictures of equipment that was "handcrafted", the kind you don't see much anymore. By the way Sam's XYL, Flo, KH6BGE a Chapter 194 member also attended the meeting. Flo is an ICON in her own right. Call her on the CW bands for a treat.

Jack Wheeler, KH6CC was presented his 60th year certificate. Dean Manley, KH6B received his 50th year certificate. Dean and Bob Shimamoto gave a QRP demo -featuring, transceivers constructed in a lozenges tin. Dean was Chapter 194 charter President.

Aloha Nui Loa

Clarence Smith - President

Chapter 195, Sun City Center

The Sun City Center QCWA Chapter 195 met at the Alpha House Restaurant in Apollo Beach On March 9, 2000. VP John Bowker called the meeting to order at 12:32 PM. A roll call was conducted and twenty-three members and six spouses were in attendance. As is our custom VP Bowker led the attendees in the "Pledge of Allegiance."

Brian Davidson was introduced as our guest speaker. His topic was microphones. Brian a long time microphone experimenter took us through the evolution of the microphone from the first carbon and crystal mikes to the more sophisticated condenser moving coil and electret mikes. He recounted his first experience building a carbon mike from an article in Hugo Gernsbach's publication "Radio News Magazine." Brian made his carbon granules by grinding down the rod in an old bell battery. The talk was well received and ended in a warm round of applause. VP Bowker displayed RCA's venerable old 44BX, 77D and BK1A microphones plus a more modern Electro-Voice mike. The BK1A John was told was the microphone used by Walter Cronkite at CBS. The Meeting resumed in its business mode. Treasurer George Guler's report follows: income from the drawing \$22.00, expenses \$14.49 for printing and mailing, net income \$7.51 added to the present balance makes the amount in the account \$615.72. George also announced that dues are now in order for the upcoming year. The 50/50 was \$32.00 with \$16.00 for prize money and \$16.00 to the treasury. Mike Iacovazzi, W1RQF, won the 50/50. Ed O'Reilly announced "The Brown Bag Picnic" at the large pavilion in Simmons Park on November 18 at 10:00 AM. A transmitter hunt will begin promptly at 11:00 AM. Ed also announced the Christmas party hosted by the Kings Point Club will be held in the Banquet Room of the



L to r: Charles Shanabrook KB7GM receiving 60, 55, and 50-year certificates from Alan Pickering KJ9N National QCWA Director.

Kings Point clubhouse on Dec. 12th at 6:30 PM. It is requested that a covered dish to feed 10+ people come with the attendees and remember please bring your own place settings. The purpose of the QCWA is Charitable, Educational and Scientific, and VP Bowker wants all members to give thought to how to spend the treasury money to accomplish this mandate. One thought is to help the Boy Scouts educate their members in amateur radio. Another thought, The National organization provides scholarships to well screened and deserving candidates. These and other suggestions will be discussed in upcoming meetings. A nominating committee was appointed to select officers for the upcoming year. The next meeting will be Thursday, January 11, at 11:30 AM. The Meeting was adjourned at 1:35 PM.

Joseph Sturniolo W2WLF - Secretary

Chapter 196, Edison

There she is, Miss America!

Wow, it really is Miss America. Heather French is visiting the special event station operated by several QCWA members. The operators are guests and / or members of the Southern Counties Amateur Radio Association (SCARA). SCARA has been assisting the pageant for 30 years with communications for the annual boardwalk parade and also offering QSL's for QSO's with special event station K2BR.

Jan Scheuerman, KJ4N; Gene Baber, W8SZU; and myself Tad Burik, WA8PXL, from chapter 196 assisted Toni Bull, N2CYL, pageant coordinator from SCARA on HF bands during the week prior to the pageant that was broadcasted on ABC TV nationally last October. Chapter 77 secretary Gene Filippini, AG2R, also pounded the brass and passed traffic from the contestants and production crews to their friends and family across the country. Gene has been a long time friend of KJ4N and is very active with the National Traffic System. Chapters 77 and 196 are sister chapters, check us out on the web.

The SCARA team provided antennas and other support equipment to make the special event happen. How do you get 300 feet of coax up 100 feet into the air, just ask the SCARA people, it is routine for them. They provided two antenna systems and a lot of muscle to get on the air. Thanks guys! I can tell you that it is very exciting to visit with the reigning Miss America, put her on the air and just listen to the lucky ham on the other end who gets a chance to say hello to her.

The pageant was a month late last year because of the 2000 summer Olympics. I was in QSO with a VK station and had the opportunity to let Miss Idaho say "good day mate" to the unsuspecting Aussie from down under. He was very surprised and Miss Idaho was very charming and grinned when the Aussie wished her good luck.

QCWA operators got to talk to Donnie and Marie Osmond, John Davidson and other assorted celebrities on and off the air. You should have been there! K2BR special event station operators accumulated over 500

contacts including almost every state and several foreign countries.

The official photographer and personal friend of Miss America is a ham. Bob Warner, KW4BJ, helped get Heather French to spend a few extra minutes out of her hectic schedule to relax at our station, enjoy the contacts and show us just how down to earth this magnificent woman is. A big thank you to Bobby for all of his help.



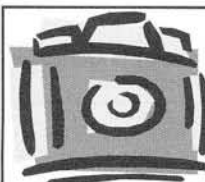
Tad Burik WA8PXL with Miss America, Heather French.

Gene Baber, W8SZU, had to take a few steps in awe away from the runway at Conventional Hall. He was up front and conversing with Miss Texas when she had to get back to practice. Gene had no idea that our access pass let us be there, so close to the action that you could actually talk to all of the contestants. You should have been there!

The Miss America Pageant is similar to the QCWA. Both organizations support scholarships for education. I was extremely happy to represent both entities and I had a great time doing so. It is my goal to find a future Miss America contestant who is also a licensed amateur and then watch her operate at the special event station. Roger, 5 by 9, go ahead!!

Most recently I was given the distinguished honor of being selected to be on the national nominating committee for officers seeking election to QCWA directorships. Please feel free to contact me or other nominating committee members if you or someone you know would like to run for office.

Tad Burik WA8PXL - President



The Brownie box camera, introduced by Eastman Kodak, sold for \$1.00 in 1900. The camera's 6-exposure film sold for 15 cents.

Chapter Reports

Chapter 198, Mid Sierra

Our quarterly meeting was held on November 11th at the Viewpoint Restaurant in Oakhurst. There were 27 members and guests.

Jimmy W6PSQ, reported that club pictures featured the QCWA banner in the background. He thought it would be nice if our Chapter had its own banner. The banner cost \$200 and he suggested everyone pitch in something toward the purchase. It could be club fees, donations, or anonymously giving. The Board would discuss further.

Rich W6OBD reported that the Madera Radio Club's regular Tuesday meeting in December will be held at M-Square Antenna Systems in Fresno. Mike Staal, K6MYC, will highlight popular systems. All are welcome.

A program by Roger McConnell W6VE was presented on "Antenna Modeling".

Bart Nagel W6SRK - Secretary

Chapter 206 Honolulu

The first meeting and business meeting was held on December 22, 2000 at the Sizzler Restaurant at Pearl Ridge. Typical winter day, 75F, flowers in bloom



L to r around the table: Joe Fenn KH6JF, Ray Thompson KH6IEL, Rick Senones KH7RS, Jim Todd KC7OKZ, Ned Conklin KH7JJ, John Peters K1ER and Joan Peters KA4DPW. Rick won the fresh pineapple door prize.

We elected new Officers for the Chapter: Joan Peters KA4DPW President, Ted Chernin KH6GI Vice Pres, John Peters K1ER Sec/Treas and two Directors Joe Fenn KH6JF and Lee Wical KH6BZF. Our Pres is also the National VP of the QCWW, Quarter Century Wireless Women.

Most of our 10 members were at the meeting, and they voted to hold monthly Breakfast meetings at the Sizzler Restaurant at Pearl Ridge. So if you are in Honolulu on the 4th Friday come to breakfast at 0800 and join the QCWA gang.

All members examined the new Honolulu Chapter 206 charter.

Gotta get these suckers to HQ before April 1, 2001!



So you want to make some easy bucks!

Cattle futures are small potatoes compared to dealing in domain names

If you read the article on page 10 about the high price tag attached to desirable domain names, take a look at some of the recent activity and prices on a few of the names. Perhaps the writer was being conservative saying that one could make a \$50,000 profit on coveted domain names.

Here are a few of the recent biggies:

\$250,000 - before.com
\$250,000 - Estimate.com
\$350,000 - Concerts.com
\$750,000 - Actor.com
\$1,000,000 - WorldWide.com
\$1,500,000 - BroadBand.com
\$2,500,000 - Stocks.com

How about a few of the not so "biggies":

\$100,000 - unlock.com
\$100,000 - GetHealthy.com
\$100,000 - JERKS.com
\$110,000 - Payables.com
\$125,000 - brighten.com
\$175,000 - graduate.com
\$200,000 - Notes.com

And then there are names that are in a bidding war. The following shows the status of bids on some of the really HOT names:

\$3,000,000 - Loans.com
\$1,000,000 - Beauty.cc
\$835,000 - forsalebyowner.c..
\$823,456 - Drugs.com
\$700,000 - Cinema.com

And finally, there are the "black sheep" domain names. Shucks, a guy can't make a decent profit in this business.

\$300 - idale.com
\$300 - digitech.com
\$500 - acme.com
\$10,059 - mutualfunds.co..
\$3,000 - hope.com

Silent Keys

With sadness we record the passing of these members

| NAME | CALL | MEMNUM | L | SK | CITY | ST |
|-------------------------|--------|--------|---|------|-----------------|----|
| CUNNINGHAM, OWEN | W0ALT | 09368 | | 2000 | WICHITA | KS |
| JONES, WESLEY A | W0WRY | 08624 | | 2000 | BASSETT | NE |
| PHELPS, GARDNER D | WA0HEJ | 22747 | | 2000 | WATERLOO | IA |
| DINSMORE, ERNEST E | WA0LYX | 09218 | * | 2000 | OVERLAND PARK | KS |
| EDIGHOFFER, EARL A | KD1U | 19543 | | 2000 | HOLIDAY | FL |
| POULIN, DONALD J | W1MXC | 18255 | | 2000 | ANDOVER | MA |
| HADLEY, LEONARD R | W1YGC | 19327 | * | 2000 | WALTHAM | MA |
| GUNTHER-MOHR, J P | K2VMD | 18380 | | 2000 | NAPLES | FL |
| THISSE, FRANCIS H | W2BJI | 05020 | | 2000 | MANLIUS | NY |
| CONTRUCCI, NORMAN J | W2JWJ | 11653 | | 2000 | CLARENCE CENTER | NY |
| STROHMEIER, NORMAN | W2VRS | 10222 | | 2000 | WEST SENECA | NY |
| LADD, LETA I | WA2QCE | 19842 | * | 2000 | COLTS NECK | NJ |
| PONELLA, NICHOLAS | WA2YEG | 20322 | | 2000 | NEW CITY | NY |
| O'KEEFE, MICHAEL F | KR3D | 03823 | | 2000 | MECHANICSBURG | PA |
| PERRY, DON | K4EVS | 26217 | | 2000 | NASHVILLE | TN |
| CUSHING, W D | K4VN | 03724 | | 2000 | FOREST PARK | GA |
| HOWELL, JOSEPH E JR | K4ZEL | 29806 | | 2000 | FOLLY BEACH | SC |
| FABER, ANDREW J | KD4RB | 05534 | * | 2000 | SAN DIEGO | CA |
| JONES, HUBERT C | W4GRX | 27579 | | 2000 | CONYERS | GA |
| ROLICK, WALTER D SR | W4IGE | 28241 | | 2000 | MARYVILLE | TN |
| PULLEN, GEORGE P | W4PYU | 09371 | * | 2000 | ST CLOUD | FL |
| SPENCER, MOFFETT HUNTER | WA4ORE | 27326 | | 2000 | ROXBORO | NC |
| LOURIGAN, THOMAS F | WA4RBM | 25637 | * | 2000 | PLAINSVILLE | GA |
| BARNES, JOE S | K5FZH | 24436 | | 2000 | EL PASO | TX |
| ARMSTRONG, C H | K5IRM | 26630 | | 2000 | DALLAS | TX |
| BROOKS, ODEN R | W5ALH | 11098 | | 2000 | BULLARD | TX |
| JEFFRIES, JAMES B | W5EFB | 03507 | * | 2000 | HOUSTON | TX |
| GANT, JACK D | W5GM | 04138 | | 2000 | ARDMORE | OK |
| DEARING, WILBUR | W5QN | 24321 | | 2000 | BONHAM | TX |
| DUKAT, FRANK M | K6NL | 20994 | | 2000 | LOS ALTOS | CA |
| MAKEPEACE, FRANK G A | VE6AH | 22302 | | 2000 | BARRHEAD | AB |
| BOSTROM, DICK | N7LD | 21393 | | 2000 | SHELTON | WA |
| GIBSON, MILLARD L | W7JIE | 09542 | | 2000 | RENTON | WA |
| TOOLEY, DON | WA7IJB | 26152 | | 2000 | LAS VEGAS | NV |
| BURCKHART, L K | W8CZA | 05381 | | 2000 | APPLE CREEK | OH |
| CSONTOS, JULIUS | W8CKZ | 19426 | | 2000 | MACEDONIA | OH |
| GROSS, AL | W8PAL | 27384 | | 2000 | SUN CITY | AZ |
| VASICAK, JOHN M | W9ZEN | 03942 | | 2000 | OGLESBY | IL |

YHOTY

Newsline Young Ham of the Year Award

How it all began

-by Bill Pasternak WA6ITF

The folks at the QCWA asked me to tell you a bit about how the Newsline Young Ham of the Year Award came into being. So, as the song from "The Sound of Music" says: "Let's start at the very beginning. It's a very good place to start." In this case it was at Flight Level 35 — heading west.

The Long Flight Home

The Young Ham of the Year Award — better known by the acronym YHOTY (and pronounced YO TEE) was created by yours truly back in April of 1986 while on board a Delta airlines L-1011 Tri-Star jet — and — later — in a shower; thankfully, not at the same time.

Let's set the scene. It's early Sunday evening and the second leg of my journey home from the 1985 Dayton Hamvention. About an hour earlier we had departed Atlanta Hartsfield Airport and Delta had already served its excuse for a meal. The lights are turned down and a "G-rated" but "B" quality movie is up on the screen. I don't recall what flick was playing. I do remember that few people had shelled out the four-bucks it cost (back then) to rent the earphones.

What does one do when the movie stinks? One thinks. And the thoughts that were running through my mind were about the night before. Specifically the Hamvention Banquet where my longtime friend Roy Neal, K6DUE, had been honored as "Radio Amateur of the Year" for his work in promoting ham radio and putting manned Amateur Radio into space. I also was vividly recalling the unexpected personal appearance of Ohio Senator John Glenn and his fast-paced run up the aisle and onto the dais to add his words of congratulations his longtime friend. And let's not forget the delegation from the Johnson Space Center Amateur Radio Club - W5RRR - who had a special gift of their own for K6DUE.

It was one of those special evenings of magic that one could not forget. And from there my mind wandered off to other times and places where I had been when friends in ham radio had received awards for their contribution to our mini society, or to society in general. Other Radio Amateur of the Year recipients like Dr. Wayne Overneck N6NB, Bob Heil, K9EID, Dave Bell W6AQ and the late Senator Barry M. Goldwater, K7UGA. Also there were those out in my own ARRL Southwestern Division who had received honors from the League or their local radio club. The stream of names and faces seemed endless. And as I watched them through my mind's eye it suddenly dawned on me: All were adults and many were at least "getting along in years."

Recalling Young Hams of the Past

Surely in the three quarters of a century that Amateur Radio had been around there must have been some younger hams that gained honors for their good deeds. I thought back to the December 26, 1960 collision of two aircraft over New York Harbor. One of them, a United Airlines DC-8 fell in Park Slope area Brooklyn, not far from where I was attending college. I remembered that two of my close friends: John Peterson ex-WA2FMF and Larry Levy WA2INM were the two teen hams among a myriad of Amateur Radio communicators responding to the scene. Amateur Radio was among the first communications services to arrive. The hobby dedicated the next three days in "emergency" operational mode, prima-

rily with teenage Net Control Station WA2FMF at the helm. Everyone including John and Larry later received accolades from city leaders, but the young hams were largely forgotten by the Amateur Radio political leaders of that time. After all: That was the era of "...no lids, no kids and no space cadets. The school bus does not stop on this frequency."

The next remembrance was that of November 9, 1965. At about 5:15 p.m. a surge in the power grid feeding the Northeast region caused a catastrophic failure of the system. Thirty-one million people were plunged into darkness for almost thirteen hours. Radio and TV stations without back-up power went off the air. Normal lines of communications that did not fail were severely overloaded. The telephone system was fully self sufficient and continued to work, but the volume of calls made getting a dial tone a near impossibility. Once again it was ham radio that stepped in. In my hometown of Brooklyn it was a teenager named Andrew J. "Andy" Feldman, WB2FXN, who was truly prepared. Operating a 7-watt 6-meter Clegg 99'er powered off an inverter tied to some well charged batteries, Andy called up the Kings County AREC and CD net. He had a well-oiled corps of volunteers who were ready for an event like this. They were all mobile and soon assigned to where they could do the most good. The net took the place of telephones for emergency services in Brooklyn. Again the city honored all who had devoted themselves to the community, but in ham radio circles the youngsters — including WB2FXN — took a back seat to the "old timers." It would be almost three decades before Feldman would receive the honors due him for this episode and numerous others that have punctuated his ham radio career.

I probably could have thought of numerous other incidents — and would have if not the announcement to return our seats to their upright position in preparation for landing. A few minutes after 9 p.m. the giant Lockheed built bird floated effortlessly onto Runway 25 Left at Los Angeles International Airport. From the airport it was a 45-minute bus ride to the Van Nuys "Fly Away" terminal to get my car. An hour later I find myself home and in the shower — washing away the grit and grime of cross country "economy class" flight.

And it was at this point that my thoughts returned to that of young hams who were being largely ignored by the older ham community. I also realized that we were really "fouling out" in another area. Here we were in a nation that's supposed to be the nation's technology leader, but instead of turning out the needed base of scientists and engineers our schools were producing hordes of MBA's and J.D.'s translated: Lots of business executives and a plethora of lawyers to sue other MBA's for them.

What we had forgotten is that a nation cannot stay a technology leader without a constant supply of new brainpower. From first hand knowledge, I knew that a lot of what was needed by the nation already existed within the "kids of ham radio." It was not enough to get kids into ham radio. More important was keeping them there as a stepping stone to careers in science, technology and engineering. Ham radio was not the whole answer, but it was at least a good beginning.

Only this time my mind asked: "...OK. What can be done about it."

Don't just do something: Stand There

Then it dawned on me. "Bill. You HAVE the power to change this. Don't just stand there dripping water — do it! Create an award that honors young hams — even if it's nothing more than one of those pre-printed certificates that you get at a stationary store."

A few minutes later I was on the phone to Burt Hicks, WB6MQV, who was then editor of the (See Note 1) Westlink Report ham radio newsletter outlining my idea for a first-ever young hams award. We decided to use the newsletter as a vehicle to launch it because in the mid 1980's paper based publications held the most respect in ham radio circles. While audio bulletins had been long accepted in the world of FM and repeaters, they were far from the mainstream of HF activity.

The idea for the award itself was quite simple. Since we had no money to do this, we would simply use what we had on hand. The Westlink Report newsletter, the Newline bulletins and any other publications would be called on to help solicit nominations of 18 year old or younger hams who had done something "special." We would set a cutoff date a few months in advance. After the date passed, Burt and I would review the entries, select the one we deemed the most deserving and mail that youngster a certificate created on the Apple II computer. (The same one that he used to produce the Westlink Report newsletter.)

By 1 a.m. Monday morning we had the details in place for our low-budget advertising campaign that would kick off the following Friday when the next Newline broadcast and a week later in Burt's Westlink Report. And, after a few hours of sleep it was back to the normal routine of life. For me it meant that, and still means, leaving for work at about 2 p.m. in the afternoon. Not that I am complaining as it lets me sleep a bit late while giving me the best part of the day to take care of personal needs and other business. Regarding the latter, it made it possible for me to interview ham radio newsmakers for my various magazine columns, for the Westlink Report that I wrote for Burt and for Newline.

Enter YAESU USA Corp

One of the people on my list for that week was Chip Margelli K7JA of Yaesu USA Corp. who had recently returned from one of those "rare part of the world" DX operations that hams like to hear about. It was during our conversation that I outlined for Chip what Burt and I had come up with about 48 hours earlier: The Westlink Report Young Ham of the Year Award. And while I cannot recall his exact words, it was something like: "...you guys need a corporate sponsor...how about Yaesu?" (See Note 6)

My initial reaction was one of almost disbelief. In planning the award, neither Burt nor I thought that companies that catered primarily to "grown up hams" would be willing to spend part of their limited advertising budget on a project that one might say involved "kids." But on the other end of the phone line was Chip Margelli telling me that Yaesu USA could be counted on for a prize. Chip also suggested that instead of just mailing it out to the winner that he or she be brought to a ham radio convention where the award would be presented. Also, that as long as the winner lived within the 48 contiguous states, that Yaesu would pick up travel expenses and lodging. Chip also suggested that we not wait for 1987, but to find a way to start the award "...right now."

With Yaesu solidly behind the YHOTY program, all that was needed was a place to make the presentation to whoever was selected. Being the last week in April, most of the major ham conventions of 1986 had either been held or already had their programs cast in concrete. Then, as luck would have it, the phone rang and on

the other end was John Weaver the Chairman of a brand-new (albeit short lived) hobby radio convention called Ham-West. It was to be held in Las Vegas Nevada that fall and John had called to ask if I would attend and speak at the show. He even offered to pay all expenses for my wife and myself including hotel and airfare. When he told me he had astronaut Tony England, WØORE, as his banquet speaker, I asked if he would like to have the first-ever presentation of the "Westlink Report Young Ham of the Year Award" as well. It took only a few microseconds for John to say: "...yes!"

In a matter of three days, what had crept into my mind in the shower had become a reality well beyond anything I could have imagined. But the late October date of Ham-West left precious little time to solicit nominations, do the judging, notify the winner and make all of the arrangements necessary to assure that he or she would be seated on the dais with WØORE and the other dignitaries. And doing most of this over the summer school recess period when kids and their families were harder to reach out to.

Now All We Need Are Some Nominations

The first week of May 1996 saw our mini media blitz begin with the last story of that week's Newline (still called the Westlink Radio Network back then) announcing that a new award for young radio amateurs was to be presented at Ham-West. Listeners were asked to end letters of nomination and substantiating documentation to my home address. As I recall, the cutoff date was September 30th.

I think that this is when I learned what the term "the power of the press" really means. By the time Burt could get word out in the next Westlink Report newsletter, I was already inundated with nominating letters. And in them I found both good and bad news. The bad was that most people looked at the award as a raffle or prize drawing. Countless letters were received that said something like (paraphrased) "...my Charlie is a 6 year old general...give him the radio." While these accounted for the majority, there were a small number that contained detailed information on several young hams' accomplishments.

As the summer progressed, the "wheat began to easily separate from the chaff." While the pile of "give my kid a free radio" nominations still outpaced the valid nominations, this latter list began to grow as well. It was not long before certain patterns began to show. Not surprisingly, most of the youngsters who were being nominated for their ham radio achievements excelled equally in their school grades. Most held a 3.6 to 4.0 grade point average. Most were also active in other activities with the Boy Scouts and Girl Scouts topping the after school activities list.

As September drew to a close it became evident that there would be close to a dozen finalists. Judging took us a full weekend. In the end, it was sixteen-year old Extra class ham named Shawn Alan Wakefield WK5P of Bartlesville Oklahoma who would become the first recipient of the YHOTY award.

As you read this, the first spring season of the 21st century is fast approaching. Since 1986, fifteen young people have received the Young Ham of the Year Award. Their names are listed below. (See note 4)

Nothing Ever Stays The Same

Over years there have been numerous changes to the program itself. For its first nine years in existence, the award presentation roamed the country in search of a permanent home. Thanks in great part to Scotty Neustadter, W4WW; it found a home in 1995 at the Huntsville (Alabama) Hamfest.

Two other major changes also came in 1995. The first was when the Westlink Report readership was absorbed into Worldradio Magazine (a fancy way of saying that Westlink Report went out of business). It was then that I made a decision to continue the YHOTY program under the banner our own (See Note 2) "Amateur Radio Newline" organization.

The second of these came in the form of a telephone call from Dick Ross, K2MGA, who you all know as the publisher of CQ magazine (See Note 6). Dick wanted to know when we could get together to discuss having CQ Magazine become another corporate underwriter. We set up a meeting for a few weeks in the future at the CQ office in New York. A few weeks later, I grabbed a few days off from work and made American Airlines ever so happy. On a warm spring afternoon, Dick, Rich Moseson, Arnie Sposato, the late Alan Dorhoffer and myself sat around a table at an Italian restaurant looking for ways that CQ could merge itself into the YHOTY program. That August it was Arnie who represented CQ at the Huntsville YHOTY Awards Banquet. The following spring saw yours truly make America West a bit richer for another ride to New York and another meeting at the same eatery with the same group. There, Dick Ross proposed that CQ expand its participation by sending the winner for a week at Spacecamp. In August of 1996, Toby Metz, KB7UIM, became the first winner to do so.

People Make It Happen

Back about 1993 Burt and I decided that it would be best to have the award judged by a committee rather than just the two of us. We solicited the assistance of friends in the Los Angeles broadcast community as these were people well versed in communications issues — most of them also being hams. They chose 15-year-old Allison Daneen Zettwoch, KD4CKP, of Louisville Kentucky to receive the 1994 award. In retrospect, this turned out to be very fortuitous in that her father Larry offered to assist us in the future. A few weeks later I called Larry to ask if he would take over a Chairman of the Award Judging Committee. Larry, who is a U.S. Airways 757 Captain said "yes" and it's been his baby ever since. As we go to press, the 2001 committee is composed of Larry as Chairman along with former award recipient Brian Milesosky N5ZGT, CQ Editor Rich Moseson W2VU, ARRL Field and Educational Services director Rosalie White K1STO. Retired ARRL President George Wilson W4OYI, rounds out his committee. Todd Hitzeroth N6ZXJ, of 20th Century Fox Digital is on standby as an "alternate" should one of the regular committee members have last minute commitments come up that might force him or her to stand aside.

Another aspect of presenting any award is logistics. Basically there has to be someone who can get there early; make certain the details are taken care of and that it all runs smoothly. Since making Huntsville the preeminent home of the YHOTY award we have been fortunate to have Sandy Donahue, W4RU, of Atlanta Georgia as — for lack of a better term — our Presentation Coordinator. For those of you who do not know who Sandy is, in addition to helping us with the YHOTY program, he serves as ARRL Georgia Section Manager. And, if I may add a personal note: I don't think anyone knows more about choosing the very best restaurants than does W4RU.

WHAT NEXT?

Next is this year's Young Ham of the Year award. As usual it will be presented in August at the Huntsville Hamfest. But that can only happen if there is a winner and I need your help in this area.

Do you know a young ham radio operator age 18 or younger? Has he or she done something special for the community, the nation

or the hobby itself using Amateur Radio? Do you feel what he or she has done is worthy of recognition from within our own world of Amateur Radio? If you answered yes to these questions, then it's time to do your part — and your part is really very simple. It's called nominating that young ham for this award.

How do you do this? It's really quite simple. If you have access to the World Wide Web, simply take your computer over to <http://www.arnewline.org>. Then scroll down until you see the area dedicated to the "Young Ham of the Year Award." Under it you will see the word "RULES" and the word "FORM IN ASCII" and "FORM IN PDF" in blue. Clicking on "RULES" will give you all the information you need on who can qualify to receive the award. "FORM IN ASCII" is the actual nominating form that you can print out. "FORM IN PDF" is the same but in Portable Document File format and requires Adobe Acrobat 4.0 or later to view.

If you are not what computer geeks call "net savvy" you can send an SASE to the 2001 Newline Young Ham of the Year Award, 28197 Robin Avenue, Santa Clarita CA. 91350. Within a week you will have both documents in your mailbox. You fill it out, attach your documentation and make sure we have it before May 30th of this year. The YHOTY Committee will do the rest.

AND BEFORE WE SAY 73

Lastly, but by no means lest, we need to say a few words about the young hams who have already won this award. Who are they?

They are youngsters that we used to be. They are filled with a thirst for knowledge that we had when we were young. They have the same love of Amateur Radio we all still share. More important, they are the future technicians, engineers, researchers and scientists that our nation so desperately needs to remain the world's leader in technological development.

In the simplest terms of all, they are the future and we salute them all.

de WA6ITF

RESOURCES

(1) The Westlink Report ham radio newsletter was the second incarnation of the old HR Report originally published by the now defunct Ham Radio Magazine. It was gifted to Burt Hicks WB6MQV who published it for over a decade.

(2) The Amateur Radio Newline, better known as "Newline" is the world's largest not for profit and totally independent ham radiobroadcast news and data information service. Jim Hendershot WA6VQP and Bill Pasternak WA6ITF organized it in 1976 as the Westlink Radio Network. Since that time it has produced and put to air over 1200+ consecutive weeks of free news and bulletin programming dealing with Amateur Radio and related personal communications issues. Website: <http://www.arnewline.org>

(3) Along the evolution of the YHOTY program there have been additional prize contributors including the ARRL, Gordon West's Radio School, Falcon Communications and Rosewood Communications.

(4) Past recipients of the Young Ham award include:

Shawn Alan Wakefield, WK5P, of Bartlesville, Oklahoma (1986);
David Rosenman, KA9PMK, of Muncie, Indiana (1987);
Jonathan Binstock, NK3D, of Potomac, Maryland (1988);
Erin McGinnis, KAOWTE, of Topeka, Kansas (1989);
Mary Alestra, KB2IGG, of Staten Island, New York (1990);
Richard S. "Sammy" Garrett, AAOCR, of St. Louis, Missouri (1991);
Angela (Angie) Fischer, KBOHXY, also of St. Louis (1992);
Kevin Boudreaux N5XMH of New Orleans Louisiana (1993)
Allison Daneen Zettwoch KD4CKP of Louisville Kentucky (1994)



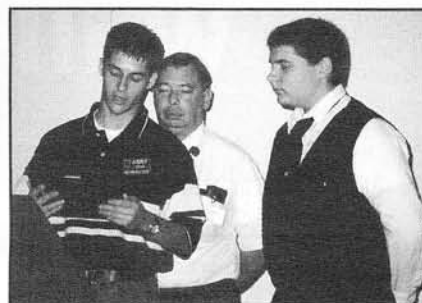
At the Gateway to Amateur Radio Club Convention in St. Louis, 1991 YHOTY recipient Sam Garrett AAØER (l) and 1992 recipient Angie Fischer KBØHXY (r). (NØDN Photo)



June 1990 - Kansas City: 12-year old Mary Alestra KB2IGG receives standing ovation after receiving Young Ham of the Year Award. (WB6MQV Photo)



Newsline's Bill Pasternak WA6ITF (center) flanked by YHOTY recipients Allison Zettwoch KD4CKP (1994) and Kevin Boudreaux N5XMH (1993). (KR4IF Photo)



August 1998: The 1997 YHOTY winner Brian Milesosky N5ZET presents plaque to 1998 recipient Richard Paczkowski Jr. KF4BIA. (KR4IF Photo)



1995 Young Ham of the Year Adam Weyhaupt N9MEZ with Chip Margelli K7JA of Yaesu (l) and Arnie Sposato K2IQO (formerly of CQ Magazine) and Newsline Producer Bill Pasternak WA6ITF (on right). (KR4IF Photo)

Adam Weyhaupt N9MEZ of Alton IL (1995)
Toby Metz KB7UIM of Boise Id. (1996)
Brian Milesosky, N5ZGT of Albuquerque N.M. (1997)
Richard Paczkowski, Jr., KF4BIA, of Edgewater Florida (1998)
Michelle Swann, KE4EZI of Warner-Robins Ga. (1999)
Christopher Arthur, Kt4XA of Russellville AL. (2000).

(5) Yaesu is a world leader in the design, manufacture and distribution of high quality Amateur Radio and commercial two-way radio equipment. Website: <http://www.yaesu.com>

(6) CQ Magazine and its sister publications CQ-VHF and CQ-Contest are owned by CQ Communications. Website: <http://www.cq-amateur-radio.com>

About The Author: Bill Pasternak WA6ITF

Bill Pasternak WA6ITF is the Producer/Writer of the weekly Amateur Radio Newsline bulletin service. Bill co-founded Newsline as the Westlink Radio Network (with Jim Hendershot WA6VQP) in 1976.

First licensed in 1959 in New York as WA2HVK, he has written two best-selling technical books, authored the "Looking West" column for 73 Magazine for 22 years; currently writes the VHF-FM-Repeater column for Worldradio; has written and published countless articles in Amateur Ra-

dio, hobby electronics and broadcast related periodicals; produced and/or directed most ham radio films and video's released by ARRL or AMSAT since 1974 and originated the "Young Ham of the Year" award program in 1986.

He holds membership in the American Radio Relay League, Quarter Century Wireless Association and the Radio Club of America. Over the years he has received numerous awards for his continuing contributions to the betterment of the Amateur Radio Service. These include the DARA Special Achievement Award (1981), ARRL Southwestern Division Meritorious Service Award (1988), DARA Radio Amateur of the Year (1989), AMSAT Outstanding Contributions Award (1990) and ARRL National Certificate of Merit (1995).

Bill and his wife Sharon KD6EPW live in the Los Angeles California area where Bill is employed as a Broadcast Engineer with KTTV-Fox Television News. Bill also serves as a Broadcast Consultant in the design and installation of digital and analog television postproduction facilities and as an independent educational/industrial film and video producer and writer.

Bill Pasternak WA6ITF can be reached by telephone or fax at (661) 296-7180, via e-mail to billwa6itf@aol.com or by U.S. mail to 28197 Robin Avenue, Santa Clarita Ca. 91350.

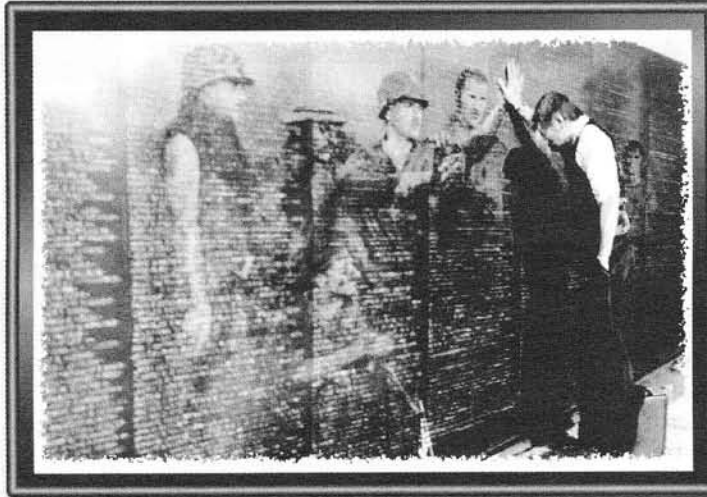
Wall 28E, Line 100

-by Nate Williams, W9GXR

The mood of the country was different back during World War II. Despite our parents coming off the great depression of the 1930s and now using rationing books to purchase sugar, meat and other items in short supply it seemed kids in the Dozier Grade School at Goodfellow and Maple in St. Louis had a more patriotic attitude. Each morning our class would start with the Pledge of Allegiance to the flag. Class training in flag etiquette taught us how to fly and treat the flag. Never was it to touch the ground during lowering. In addition to purchasing ten cent and quarter war savings stamps each Friday morning we had great metal collecting and paper collecting drives. One morning on top of the scrap metal heap mysteriously appeared the chassis of an old Model A Ford. While Dozier no longer stands in that location perhaps it can now be admitted that some of us could get out of class on a Friday afternoon by convincing our teacher that we knew a lady that had a lot of paper that needed collecting cause she couldn't bring it all in herself. We were all members of the PT (Paper Troopers). Not to say that we then had to spend a lot of time knocking on doors to see if we could scare up enough paper to justify our absence in helping out that little old lady. During recess and lunchtime kids ran around the schoolyard playing out the great air battles of the day. With arms outstretched simulating the wings of a fighter plane you could shoot down the enemy with the guns of your two thumbs pointing out of your hands while the rest of your fingers were curled under. We had our own great battles complete with groaning sounds of the planes and the guns firing.

Walking to and from school we saw, hanging in various windows, the small servicemen's flags with a blue star indicating someone in that family was in the service of their country. Many times there was a gold star that indicated that the service person in that household had given a life so that we might continue to live in freedom. How inspiring it was to hear Kate Smith sing "God Bless America". In fact several years ago I was in an antique store browsing through some old 78 rpms and ran across her record and on reminiscing over it the shopkeeper, a person of my generation, said, "take it, its yours".

It was that environment in which we were raised where we were proud of our nation and the nation's cause. Following that period the war in Korea was fought during high school years of



1950 through 1953. Therefore it was commonly understood that a young man would register for the draft and be willing to serve his country in a time of need. Hence when many entered their college years the offering of Army or Air Force Reserve Officer's Training Corps (ROTC) was an option that would allow one to complete a college education but committing to a two-year service as a commissioned officer in the service.

As a freshman at Washington University in St. Louis, Missouri that September 1954 I enrolled

in the Civil Engineering curriculum. In addition I enrolled into the Air Force ROTC program that found me wearing Air Force blue on Fridays for our morning marching practice. Another young man, Jim Bennett, also enrolled into these two offerings. Jim was a friendly, happy guy with always a smile.

As with anything else life was not without other interests. In the early 50s I became fascinated with short wave radio. For five dollars I purchased a 1939 Zenith console Model 12S371 from a friend. As an eager member of the Universal radio DX Club (URDXC) -sort of radio's sophisticated parallel to Captain Midnight's Secret Squadron, I spent hours listening to stations all over the world. This 12 tuber didn't log a whole lot of countries but in a drawer still lies QSL cards from HER4 Switzerland, ORU Belgium, Radio Brazzaville French Equatorial Africa, VLA 15 Radio Australia, CR7BJ Mozambique, OTM2 Belgium Congo and oh so many others who, unlike the shortwave broadcasters of today did not have the luxury of relay stations. In fact it was a thrill to hear those weak signals squeak through the interference from Radio Moscow and the Voice of America. In the early 50s it seemed the VOA and Radio Moscow had broadcasts on every ten kilocycles (remember kilocycles?) of frequency. Then it seemed they jammed the remaining frequencies. Unfortunately no cards were collected from the USSR or any other of the communist nations. After WW II there was great concern whether one had communist sympathies and certainly one believed getting mail from one of those countries would have big brother on your shoulder. Besides the shortwave frequencies I tuned into some radio amateur roundtables on twenty meters. All phone operation back then was AM. I started listening regularly to the old timers on 20.

Washington University had an amateur radio station, W0QEY, in the attic of Cupples II, the Electrical Engineering

Building. Over in a corner was a large relay rack containing two mercury vapor rectifiers with their seductive blue-purple glow that powered a pair of 304TL tubes neutralized by some large round disk aluminum capacitors. It was as if you were in a Frankenstein laboratory. In those days big was impressive. I like to recall those days as those when the equipment was bigger than the schematics, not like today. But the main transmitter was a WW II surplus Collins ART 13. With an 813 transmitting tube in the final this transmitter out of the airplanes of WW II has a feature called autotune. One would select a frequency, tune it up, I mean peaking the grid current and dipping the final to resonance and then store it in memory. Now I admit the transistorized rigs of today all have memory but the ART 13, when called on, would tune itself up with all the knobs whirring into that preselected frequency. It was a sight to behold. Along with the National HRO-5 receiver and it's plug in coils. I was also fascinated by the old large print, two letter call, QSL cards tacked to the rafters. Many a day I would be in the engineering library tucked in the stacks looking through old volumes of QST magazines. My mind was wandering. Then in 1955 obtaining a novice license didn't help. My friend and I couldn't get over the hump of eight or nine words per minute and so a novice class offered a person one year on the air to get the code speed up to general class requirements. The novice license turned the world on end. I ate, slept, read and talked about nothing but amateur radio. Forget the ARRL rule "an amateur being balanced". I wasn't studying I was tapping out CQ with my 98 cent J-38 straight key barking out a 50 watt signal with a Johnson Adventurer, cold solder joints and all, hooked to a random length of inside telephone wire spliced in several places in order to reach a lengthy two by four that was hammered up (without permission) to our garage. In ten months I had Worked All States as a novice but almost flunked out of school. Many nights I would fall asleep while on the air working Californians on 40 meters. My mind wasn't even on the schooling. Struggling with homework and those beastly chemistry and calculus problems I had many telephone conversations with Jim Bennett. "Watcha get for number eight"? Thank goodness for Jim and those telephone calls. Jim and I looked sharp on Fridays in our Air Force uniforms.

Then our paths took different courses. Despite taking the four week officer's training course at Sewart Air Force Base outside Nashville, Tennessee in 1957 I dropped out of the Air Force ROTC program since I changed my major from Civil Engineering to Electrical Engineering probably because of my interest in amateur radio. Jim stayed the course and I remember going to his wedding. He graduated and was commissioned into the Air Force. I kind of struggled along and was going to night school when I was drafted into the Army in 1960. Oddly enough the Army sent me to Ladd Air Force Base outside Fairbanks, Alaska. My last contact as a novice in 1956 was with KL7FAK at Ladd and now some years later here I was. As a PFC during a visit to Eileson AFB I remember running into an Air Force officer Don DeZutter who had been in the Washington University ROTC program but I lost all track of Jim Bennett.

Completing my Army obligation I returned to Washington University and obtained my BSEE degree in 1963. Imagine my

shock when I read the Washington University Alumni newspaper of August, 1968. "Air Force Capt. James H. Bennett, Jr., BSCE was killed in Vietnam in October, 1967. He was on duty at Da Nang Air Base. Capt. Bennett is survived by his wife, Judy Ragan Bennett, AB 59". Captain Bennett lived only 31 years. I remember his smile. I was lucky to know him for a brief few years.

November 11, 1992 marked the 10th anniversary of the black granite Vietnam Veterans Memorial denoting the names of over 58,000 dead or missing Vietnam veterans and designed by a 21 year old Yale architectural student Maya Ying Lin who was one of 1421 design entries. I understand she now designs sculptures, homes and interiors in New York City. Her comment was, "the memorial is there to let you think". Since 1982 the memorial has drawn over 30 million visitors. I was one of them. In 1971 I took employment with a small telecommunications organization. With the advent of competition in this industry and with the divestiture of AT&T in 1984 my job called for quite a number of trips to Washington, D.C. Like some magnet I was drawn so many times to the Vietnam Memorial and to Wall 28E, Line 100 where Jim's name is the first on that line. One time I did a pencil rubbing and another time I took a photograph. I stand like the man figured in that wonderful 1988 painting of Lee Teter's called "Reflections". I ask myself what would have happened if I would have continued in Civil Engineering and Air Force ROTC and received a commission, like Jim? Did my interest in amateur radio take me down a different path? It must have. I will always be grateful to Jim, all those who sacrificed their lives for our country in his war and others who sacrificed their lives in other wars as well as those who served to make our country what it is today. I thank he and them on behalf of my wife, six children and myself. Yes Maya, the Memorial has given me pause and certainly made me think.



And so this story which was contemplated back on the tenth anniversary of the wall but procrastinated to the fiftieth anniversary of the ending of World War II and even more coincidentally, the fortieth year of my obtaining an amateur license. ♦

Thanks to the sacrifices of others, it is a hobby I have had to enjoy.

-Nate Williams W9GXR - Middleton, Wisconsin

Rules for the 45th Annual QCWA QSO Parties

QCWA cordially invites all to participate in the 2001 QSO parties. All licenced Radio Amateurs world wide are invited.

Time/Dates: Two parties will be held in 2001. The first one shall commence on **7 Apr. 2000 at 1900 Hrs UTC** and the second one shall commence on **06 Oct. 2001 at 1800 Hrs UTC**. Each will run for a **period of 24 Hours**. Both CW and Phone modes may be used.

Frequencies: The following 15 Bands may be used:-

| | | |
|---------------------------|------------------------------|---------------------------|
| 1.8: 1.800 - 2.000 | 14.0: 14.000 - 14.150 | 28.3: 28.3 - 29.7 |
| 3.5: 3.500 - 3.750 | 14.2: 14.150 - 14.350 | 50: 50.0 - 54.0 |
| 3.9: 3.750 - 4.000 | 21.0: 21.000 - 21.200 | 144: 144.0 - 148.0 |
| 7.0: 7.000 - 7.150 | 21.2: 21.200 - 21.450 | 220: 220.0 - 225.0 |
| 7.2: 7.150 - 7.300 | 28.0: 28.000 - 28.300 | UHF above 420 Mhz |

Any station may be contacted on any or all of the 15 bands for a maximum of 15 QSO's per station, with no more than one QSO per Band. However, any station in your home chapter may be counted only once, for a maximum of one QSO per station. No contacts on WARC bands are permitted (10, 18 and 24 Mhz Bands). No Cross Band or Repeater Contacts are allowed.

Suggested Starting Frequencies:

CW: 1.910: 3.540: 7.035: 14.040: 21.050: 28.050

Phone: 1.910: 3.890: 7.244: 14.262: 21.365: 28.325

Calling (CW or Phone): CQ QCWA

Information Exchange: Fill Columns on the Log Form. For the "year" column, indicate the last 2 digits of the year the station operator was first licenced. If the contacted station does **not** belong to a QCWA chapter, show only the State, Province or Country of its location. The latter would apply to Non QCWA members as well as to QCWA members who are not affiliated with a local chapter. **Do Not mention the term "At Large" (AL) as was done several years ago, as this can be confused with AL for Alabama.** For Band info, simply indicate one of the above 15 Bands in the "band" column.

Scoring: Each Phone QSO is worth **one contact point**. Each CW QSO is worth **2 contact points** (show 2 points in the QSO Points Column on the Log). A **Multiplier of one point** is given for each QCWA Chapter worked and for each State, Province or Country reported from stations not belonging to a QCWA Chapter. A total of **only one** multiplier point will be given for each State, Province or Country. A **Multiplier of 3 points** will be given on each of the 15 Bands for working our Special Events Station **W2MM**. It is hoped to have this station active throughout the two parties. Stations within 50 miles (80 Kms) of W2MM, may work W2MM only once for a total multiplier of 3 points. This year the station will operate in the vicinity of the Toronto International Airport.

Sample logs and a summary sheet may be requested from QCWA Headquarters with an SASE.

Address is 159 East 16th Ave., Eugene OR 97401-4017.

Awards:

Certificates will be issued for the top 3 World Scores.

A certificate will be issued for the top score in each participating Country.

Summary Paragraph: In order to assist the log checker, please include, along with your logs, a Summary Paragraph as shown below.

| <u>QSO's</u> | | <u>Contact Points</u> |
|----------------------------|----------|-----------------------|
| CW Contacts | _____ x2 | = _____ |
| Phone Contacts | _____ x1 | = _____ |
| Total Contact Points | | = _____ (A) |
| Multipliers | | = _____ (B) |
| Total Score = A x B | | = _____ |

Send your logs, together with the above summary paragraph to the following address within 30 days of the QSO party.
All participants are encouraged to send in logs no matter how few or how many contacts are made.

Send Logs to: WØHXL, Dick Newsome, 2924 North 48th Street, OMAHA NE 68104-3726, U.S.A.

2001 QSO PARTY

| | | | |
|-----------|-----------------|---------------|---------------|
| Name | Call | Final Score | |
| Address | | | |
| Chapter # | Novice (Yes/No) | QCWA (Yes/No) | QCWA Member # |

[illegible]

QCWA Welcomes New Members

| DATE | MEMNUM NAME | CALL CITY | ST | SPONSOR | SCALL |
|------------|------------------------------|----------------------------|----|------------------|--------|
| 09/28/2000 | 30610 ECKMAN, DAVID N | WA3YVR YORK | PA | RAY SHAUB | W3AXC |
| 09/28/2000 | 30611 MORRISON, RICHARD L | WA8HME MILLERSBURG | OH | - | - |
| 10/02/2000 | 30612 LEE, JOE | W6DOB PINOLE | CA | - | - |
| 10/22/2000 | 30613 WHATLEY, MARY F | W4NZJ SNELLVILLE | GA | CHAPTER 49 | |
| 10/03/2000 | 30614 PILHOEFER, OSCAR | KD5LPP EL PASO | TX | - | - |
| 10/03/2000 | 30615 TJEPKEMA, RUSSELL P | NZ2D VIRGINIA BEACH | VA | CHARLES CHAPMAN | W1WTG |
| 10/05/2000 | 30616 CUTITTA, JOSEPH | W0SLL GLENDALE | AZ | GERRY HIGGINS | W7ES |
| 10/05/2000 | 30617 MC NEASE, CHARLES D | N8CM HOLT | MI | JOHN INGRAHAM | NG8L |
| 10/06/2000 | 30618 HILL, JAMES SCOTT | K6IX AHWAHNEE | CA | - | - |
| 10/06/2000 | 30619 MACIEJEWSKI, JACK | K8CYV MUSKEGON | MI | EKMER L WOOD | K8ROH |
| 10/10/2000 | 30620 HANSEN, HARLAN R | W6RPV BOISE | ID | - | - |
| 10/10/2000 | 30621 BACHMEIER, TIM | AB7BJ CASPER | WY | MORRES MORGENSEN | WYMZW |
| 10/10/2000 | 30622 BUNN, RICHARD R | N4ASX ALEXANDRIA | VA | - | - |
| 10/10/2000 | 30623 CURRY, ROBERT M | KC3VO ADELPHI | MD | - | - |
| 10/18/2000 | 30624 BAUER, SCOTT J | W2LC BALDWINVILLE | NY | JIM MOZLEY | W2BCH |
| 10/18/2000 | 30625 BROWN, ROBERT M | W9HBF CAHOKIA | IL | - | - |
| 10/18/2000 | 30626 BURESH, PAUL E | KNOYNE NELSON | NE | JOHN MC KINNEY | W0HP |
| 10/18/2000 | 30627 CASLER, DAVID C | KE0OG LOUISVILLE | CO | - | - |
| 10/18/2000 | 30628 FLINN, GEORGE S JR | K4EQO MEMPHIS | TN | - | - |
| 10/18/2000 | 30629 FORRESTER, JAMES W | K4JF GREENVILLE | SC | LES SHATTUCK | K4NK |
| 10/18/2000 | 30630 LAMA, DONALD C | K8OEX WILDWOOD | FL | - | - |
| 10/18/2000 | 30631 LIVINGSTON, DAVID T | K5SFM PORTSMOUTH | VA | ELIAS ETHERIDGE | K4IX |
| 10/18/2000 | 30632 THOMPSON, MARK | WB9QZB ARLINGTON HEIGHTSIL | | - | - |
| 10/18/2000 | 30633 MIK, TIMOTHY J | WY1U WALLINGFORD | CT | - | - |
| 10/18/2000 | 30634 WHEELER, THOMAS | WD9FRI PALMYRA | WI | RONALD R YOKES | W9BCK |
| 10/18/2000 | 30635 ZELASKO, EMIL T | KA8GEF CLEVELAND | OH | ROCKY ZIMMERMAN | W8UYN |
| 10/19/2000 | 30636 COOMLER, BOB | W6RJC CLOVERDALE | CA | - | - |
| 10/19/2000 | 30637 LUTHY, JOHN D | N7JL EAGLE POINT | OR | - | - |
| 10/19/2000 | 30638 PARRISH, WALTER | K8GEG PETERSBURG | MI | MIKE HALL | WB8ICN |
| 10/20/2000 | 30639 MC DONNELL, BARRY O | K4FD FT MYERS | FL | - | - |
| 10/20/2000 | 30640 MATSUMOTO, AKIRA | JH3QP JAPAN | | - | - |
| 10/23/2000 | 30641 OWENS, TOM J | WB5KHC IRVING | TX | - | - |
| 10/23/2000 | 30642 THIGPEN, MARSHALL | W4IS STATESBORO | GA | - | - |
| 10/26/2000 | 30643 BOSSIE, JAMES BRUCE | W7JBB INCLINE VILLAGE | NV | - | - |
| 10/27/2000 | 30644 KNICKERBOCKER, CRAIG W | WB2BGI MIDDLE GROVE | NY | R LATHERS | KJ2T |
| 10/31/2000 | 30645 HOWELL, GARY E | WB4BMJ KANNAPOLIS | NC | - | - |
| 11/10/2000 | 30646 HENRY, DANIEL R | KGQU WAXAHACHIE | TX | - | - |
| 11/02/2000 | 30647 POWERS, CHARLES S | K8USA SHELBY | OH | JOHN EDEL | K8LBZ |
| 11/03/2000 | 30648 CHERRY, MARK A | WT6P SACRAMENTO | CA | LES SHATTUCK | K4NK |
| 11/03/2000 | 30649 WINANS, JOHN H | WA2LGE FLORHAM PARK | NJ | GENE FILIPPONI | AG2R |
| 11/06/2000 | 30650 CAMPBELL, VON C | W2DC SYRACUSE | NY | EDWARD J GERSTEN | WB2MWW |
| 11/06/2000 | 30651 MACHESNEY, WARD | K1DXB EAST WINDSOR | CT | WOODY ANDERSON | K4EBK |
| 11/06/2000 | 30652 MITCHELL, RAYMOND J | K7OVR WILLCOX | AZ | - | - |
| 11/06/2000 | 30653 JOHNSON, JOAN R | K4JRJ VIENNA | VA | RAY C JOHNSON | K5RJ |
| 11/07/2000 | 30654 MOORE, GARY E | WA0ZWZ REDFIELD | SD | CHAPTER # 102 | |
| 11/07/2000 | 30655 STEVENS, HAROLD R | WA1VKK MYSTIC | CT | JAMES CULLEY | K1LBE |
| 11/08/2000 | 30656 GARBER, EARL STANTON | N3EG LONGVIEW | WA | STUART FARMER | K7WF |
| 11/08/2000 | 30656 GARBER, EARL STANTON | N3EG LONGVIEW | WA | STUART FARMER | K7WF |
| 11/09/2000 | 30657 BARKER, THOMAS J | K6MDG ORGAN | NM | CROFT TAYLOR | VE3CT |
| 11/09/2000 | 30658 COLE, JAMES LEE | N7FD TUCSON | AZ | - | - |
| 11/09/2000 | 30659 FLEMING, RUSSELL R | WB9NYG SUN CITY | AZ | BILL ASPINWALL | W9UGT |

| | | | | | | |
|------------------|-------------------------|---------------------------|----|---------------------|---|--------|
| 11/09/2000 30660 | IRISH, ROBERT W JR | K5ZOL DALLAS | TX | - | - | |
| 11/09/2000 30661 | LEWIS, TED C | K5MOQ KENTWOOD | LA | STEVE BRYAN | | K5SLW |
| 11/09/2000 30662 | PATRICK, TIMOTHY W | N7MC OSAGE CITY | KS | - | - | |
| 11/09/2000 30663 | FOSTER, SCOTT D | K5PBJ EDMUND | OK | GENE NAILON | | K5DLE |
| 11/13/2000 30664 | CLOWE, JOHN | W4ZPG LILBURN | GA | BOB LEAR | | K4SZ |
| 11/13/2000 30665 | YOST, ROBERT J JR | WB8IUI MUSKEGON | MI | ELMER WOOD | | K8ROH |
| 11/15/2000 30666 | FREDSTROM, M NEAL | K7JEP SANDPOINT | ID | CURTIS C REED | | N7AH |
| 11/15/2000 30667 | PRATT, JAMES E | K7QI EVERETT | WA | - | - | |
| 11/17/2000 30668 | BACHMANN, TERRY A | WU9F LA CROSSE | WI | - | - | |
| 11/17/2000 30669 | LUM, DONALD J | WA6ICW MONTEREY PARK | CA | ROBERT B RICHARDSON | | W6WHM |
| 11/20/2000 30670 | SENONES, RICK | KH7RS MILILANI | HI | JOHN PETERS | | K1ER |
| 11/20/2000 30671 | SANFORD, DAVID L | W1DLS MIDDLEBORO | MA | LWARENCE SWARTZ | | W1IYD |
| 11/20/2000 30672 | STERNBERG, BERNARD | AA4EE TAMARAL | FL | WILLIAM H KENNEDY | | W2AS |
| 11/20/2000 30673 | STEWART, WILLIAM DONALD | K9YJW INDIANAPOLIS | IN | LARRY GOODRICH | | W9HTK |
| 11/20/2000 30674 | ALLEN, JAY | VY1JA WHITEHORSE | YT | BOB ROSKE | | ACOL |
| 11/27/2000 30675 | BAYCAR, ROBERT STEPHEN | N9CVX VIRGINIA BEAC | VA | - | - | |
| 11/27/2000 30676 | WESTRICH, SKIP | WB8OWM CANTON | OH | JOHN EDEL | | K8LBZ |
| 11/27/2000 30677 | KASS, DAVID E | WA2LKJ NORTH HILLS | NY | - | - | |
| 11/27/2000 30678 | MUNGER, JOSEPH A | WBORLI SIKESTON | MO | - | - | |
| 11/30/2000 30679 | ANDERSON, BARRY R | WB9SFK GRAND RAPIDS | MI | - | - | |
| 12/01/2000 30680 | JANDRT, RICHARD S | K9SGT PINE | CO | - | - | |
| 12/04/2000 30681 | MITCHELL, ROBERT D | WBORJJ LINCOLN | NE | REYNOLDS DAVIS | | KOGND |
| 12/04/2000 30682 | CAVELL, GARRISON C | K4MRL MANASSAS | VA | - | - | |
| 12/04/2000 30683 | PILLSBURY, TIM | WB5BUL AMARILLO | TX | - | - | |
| 12/05/2000 30684 | BROWN, ALLEN | WB4ECR OLD HICKORY | TN | - | - | |
| 12/07/2000 30685 | LEUREY, ALLAN R | N6LX CAMPBELL | CA | - | - | |
| 12/08/2000 30686 | HOLMAN, JOHN J | W9DND NORTHFIELD | MN | - | - | |
| 12/08/2000 30687 | HOLZBERG, HERBERT M | W2HH SEA BRIGHT | NJ | - | - | |
| 12/11/2000 30688 | ENNIS, TERRY D | K6LOB MORENO VALLEY | CA | - | - | |
| 12/11/2000 30689 | HARNESS, JERRY A | W6LET CALIFORNIA CITY | CA | - | - | |
| 12/12/2000 30690 | FENN, JOSEPH F | KH6JF HONOLULU | HI | JOHN PETERS | | K1ER |
| 12/12/2000 30691 | SCHULTZE, DONALD B | K2CZT PALM BAY | FL | GEORGE M BELL | | WA8DYA |
| 12/12/2000 30692 | WERFEL, PAUL A | WB2LBQ PORT JEFFERSON STA | NY | - | - | |
| 12/13/2000 30693 | LITTLEJOHN, DAVID L | N9FMD TERRE HAUTE | IN | RAYMOND N ANDREWS | | K9DUR |
| 12/13/2000 30694 | VAUGHAN, STEVEN CRAIG | WB4TLI DENTON | NC | JOHN MC KINNEY | | NOAP |
| 12/13/2000 30695 | FULLING, WILLIAM C | W4NJF LAKELAND | FL | ALAN PICKERING | | KJ9N |
| 12/13/2000 30696 | FRIEDRICH, CAL | K2IXB TAMPA | FL | ALAN PICKERING | | KJ9N |
| 12/13/2000 30697 | JOHNSON, LESLIE | WA4EEZ ST PETERSBURG | FL | BILL BELL | | K4AVH |
| 12/13/2000 30698 | JOHNSON, ROGER L | K4SHI ST PETERSBURG | FL | BILL BELL | | K4AVH |
| 12/13/2000 30699 | THOMPSON, SYLVESTER R | AA4LG PALM HARBOR | FL | ALAN PICKERING | | KJ9N |
| 12/15/2000 30700 | TAYLOR, STANLEY ANTHONY | W3ZNK ANNAPOLIS | MD | - | - | |
| 12/18/2000 30701 | MAYZES, DAVID | KC7MP LITTLETON | CO | - | - | |
| 12/18/2000 30702 | MEADOWS, CHARLES E | WB6AWK LAGUNA NIGUEL | CA | NORRIS BUNDY | | W7ILE |
| 12/18/2000 30703 | SIMMONS, JAMES | K8BHS WATERFORD | MI | - | - | |
| 12/20/2000 30704 | RICKENBAUGH, ROBERT F | WB8KDL FT MYERS | FL | JAN SCHEUERMAN | | KJ4N |
| 12/21/2000 30705 | MUNCY, STEVE A | NI5V DALLAS | TX | - | - | |
| 12/22/2000 30706 | RANUM, BENNIE A | WB9NIW TERRE HAUTE | IN | GARY WHEELER | | K9ERE |
| 12/27/2000 30707 | MC COY, JOHN | K4KBB GREENVILLE | NC | F B ASHLEY | | K4MFU |
| 12/27/2000 30708 | NISWANDER, RONALD | K8HSF ORACLE | AZ | - | - | |
| 12/27/2000 30709 | SCHLAPFER, BILL | KA2HEA SARASOTA | FL | C B TAYLOR | | VE3CT |
| 12/27/2000 30710 | STUCKEY, MARK W | WB5PYL LIVINGSTON | LA | JAMES W STUCKEY | | W5ZJO |
| 12/27/2000 30711 | THOMPSON, RAYMOND E | KH6IEL PEARL CITY | HI | JOHN PETERS | | K1ER |

Chapters on the Air

| NO NAME | DAY | TIME NC FREQ | NO NAME | DAY | TIME NC FREQ |
|--------------------------------|-------|----------------------|-------------------------|-------|----------------------|
| SO CALIF CW | SUN | 1100L W6WHM 7034 | 81 LONG ISLAND CH | FRI | 2030L K2YAW 146.746 |
| FL SSB | SAT | 1300Z W4NWF 3955 | 85 ARK-LA-TEX CH | MON | WA9PZL 146.67 |
| QCWA SSB | SUN | 2000Z varies 14347 | 87 EVERGREEN CH | SUN | 1500Z VARIES 3984 |
| FL SSB | WED | 1500Z W4NWF 7274 | 89 PALMETTO CH | SUN | 1700L VARIES 3695 |
| NE | SUN | 0845L W2AUF 3917 | 89 PALMETTO STATE CH | SAT | 0900L K4MFU 3930 |
| QCWA CW | WED | 2000E varies 7035 | 91 VIC CLARK CH | SUN | 0900L VARIES 146.79 |
| 1 CLEVELAND CH | WED | 2000L W8LYDW 146.88 | 92 NORTHERN LIGHTS | SUN | 2000L KL7CDG 146.97 |
| 2 CHICAGO AREA CH | 1stTh | W9MOL 147.15 | 94 ROADRUNNER CH | WED | 1400L WB5YYX 146.72 |
| 4 NORTHWEST CH | SUN | 1200L W7PN 3952 | 95 EASTERN NY | SUN | 1130L WB1M 3900 |
| 4 NORTHWEST CH | SUN | 0800L W7PN 3650 | 96 GATEWAY CH | SAT | 1600Z W4KGT 3937 |
| 5 DELAWARE VALLEY CH | SUN | 0945L W2UAE 3917 | 102 DAKOTA CH | SUN | 1400Z VARIES 3889 |
| 6 PITTSBURGH CH | SUN | 0830L W8CSU 147.03 | 105 MIDDLE TN CH | THU | 2000L VARIES 146.91 |
| 7 SOUTHERN CA | SUN | 1000L W6ZRZ 147.36+ | 106 GERMAN CH | MON | DL0QCW 3669 |
| 7 SOUTHERN CA | SUN | 0900L W6WHM 3917 | 106 GERMAN CH | TUE | 1700Z DL1MEB 3573 |
| 7 SOUTHERN CA | SUN | 1100L W6WHM 7234 | 107 CENTRAL FL | THUR | 1230L W4LHP 14245 |
| 8 UPPER MIDWEST CH | SAT | 0800L W0KHG 3877 | 107 CENTRAL FL | SAT | 0900L W4LHP 7243 |
| 9 SOUTHWEST OH | SUN | 1330L K8YDP 3975 | 108 BEAVER STATE CH | WED | 0800L W7LVN 3926 |
| 10 MICHIGAN CH | SUN | 0800L VARIES 3903 | 109 BATON ROUGE CH | SUN | 2000L VARIES 146.79 |
| 11 NORTHERN CA | SAT | 1000L W6AQR 146.85- | 109 BATON ROUGE CH | SUN | 0830L VARIES 3905 |
| 11 NORTHERN CA | SUN | 0930L WA6AFT 3907 | 110 KANSAS CH | SAT | 0730L KA0RZO 3920 |
| 14 SAN DIEGO CH | WED | 2000L K6QS 145.52 | 112 YANKEE CH | SUN | 0830L W1GCA 3903 |
| 16 ARIZONA CH | WED | 0630L W7ER 3890 | 114 NORTH TEXAS CH | SAT | 0830L WA5BXH 3941.5 |
| 17 ALLENTOWN-BETHLEHEM | SUN | 1200L VARIES 3990 | 122 LAKE ERIE TRI-STATE | SUN | 0915L W3QPP 3916 |
| 19 MISSOURI CH | WED | 1930L W9VHL 147.15+ | 123 LEE DEFOREST CH | SAT | 0730L VARIES 3940 |
| 20 BALTIMORE CH | MON | 2100L W3EE 147.285 | 126 PIEDMONT CH | SAT | 0845L VARIES 3935 |
| 21 CANTON OH CH | THU | 1930L WA8DRT 147.180 | 128 PELICAN CH | SAT | 0900L VARIES 145.29 |
| 25 NEBRASKA CH | TUES | VARIES 146.94 | 130 INLAND EMPIRE | WED | 1930L W6HV 1.896MH |
| 25 NEBRASKA CH | SAT | 1430Z VARIES 3982 | 130 INLAND EMPIRE | FRI | 1600L W6HV 3862 |
| 28 CENTRAL NY | SUN | 1030L K2MFB 3917 | 130 INLAND EMPIRE | SAT | 0800L W6HV 3862 |
| 29 FINGER LAKES CH | SUN | 1230L W2BCH 3900 | 131 GULF COAST CH | TUE | 0900L VARIES 28750 |
| 31 READING,PA CH | MON | VARIES 146.91 | 134 PINE TREE | SUN | 1930Z VARIES 3942 |
| 32 GATOR CH | SAT | 0900L VARIES 145.29 | 135 MID-MICHIGAN CH | TUE | 2000L VARIES 146.70 |
| 33 GUNDERSON PENN-JERSEY DAILY | | W3APE 3987 | 138 MARCONI CH | TUE | 2100L VARIES 147.045 |
| 35 MIDCONTINENT CH | THU | 2030L K0YML 146.97 | 140 WYOMING CH | SAT | 0800L W7MZWW 3923 |
| 36 NORTHWEST IN | THU | 2000L N9MRS 3703 | 141 HI-PLAINS CH | SAT | 0900L W5MVJ 3933 |
| 36 NORTHWEST IN | WED | 1930L N9MRS 147.495 | 142 NORTHWEST OH | WED | 2000L W8FO 147.27+ |
| 37 HARRISBURG CH | WED | 2100L K3IUY 147.12 | 143 NORTH CO CH | SUN | 0830L VARIES 145.115 |
| 38 SAN ANTONIO CH | SUN | 2030L W5HRF 28650 | 146 TWIN STATE CH | SUN | 0830L WA1NBI 3897 |
| 41 DALLAS CH | SUN | 0715L varies 3835 | 149 NUTMEG CH | SUN | 1130L W1KHL 3923 |
| 42 MOHAWK VALLEY CH | LSUN | VARIES 145.45 | 150 DEL-MAR-VA CH | SUN | 0900L K3PFW 146.280 |
| 45 CITRUS CH | TUE | 1930L VARIES 147.195 | 151 WILD ROSE CH | MON | 1900L VARIES 3747 |
| 46 FOUNDER'S CH | SUN | 0845L W2AUF 3917 | 152 ROYAL PALM CH | T-TH | 1300L K4FA 14178 |
| 46 FOUNDER'S CH | THU | 2030L W2AUF 147.36 | 152 ROYAL PALM CH | MWF | 1300L W4LZV 7220 |
| 48 TREASURE COAST CH | DLY | KD2XD 7153 | 154 LEO MEYERSON CH | THUR | 1830L K6AWO 145.480 |
| 48 TREASURE COAST CH | DLY | KD2XD 14,176 | 157 PONY EXPRESS CH | SUN | 0830L W0GGP 3955 |
| 49 PEACH STATE CH | WED | 2000E W9BKJ 145.41 | 160 UTAH CH | SAT | 1100L VARIES 7272 |
| 49 PEACH STATE CH | SAT | 0900E W9BKJ 3857.5 | 162 SOUTHEAST WI | THUR | 2100L N9NBC 147.27 |
| 51 TEX-LA GOLDEN TRI | MON | WA5YCW 146.86 | 165 YORK COUNTY PA | WED | 2100L W3AXC 146.97 |
| 54 TYLER CH | MON | W5RRM 28.650 | 169 SACRAMENTO VALLEY | M/THU | 1730L VARIES 3947.5 |
| 55 WI CH | SUN | 0830L VARIES 3985 | 173 GOLDEN TRI CH | TUE | 1930L W9JRY 147.255 |
| 58 CO CH | SUN | 0900L W9KRE 3905 | 174 WI BADGER | SUN | 1600L VARIES 146.82 |
| 58 CO CH | SUN | 0930L VARIES 146.67 | 180 FOOTHILLS / OZARK | SAT | 0800L KODEW 3861 |
| 62 SUWANNEE CH | SAT | 0900L W4PFJ 3940 | 181 HUDSON VALLEY CH | TUES | 2030L WA2RRK 147.060 |
| 63 CENTRAL OK CH | THUR | W5AS 145.41 | 181 HUDSON VALLEY | SUN | 0815L W20ZA 3917 |
| 63 CENTRAL OK CH | SUN | 0800L W5AS 3855 | 182 NORTHEAST TN | SUN | 2100L W4EHI 145.110 |
| 64 EL PASO CH | SAT | 0830L W5RO 3933 | 183 PIONEER CH | SUN | 1030L W1ALL 3923 |
| 65 NIAGARA FRONTIER | SUN | 1330L W2SD 3900 | 188 LOST RIVER CH | 1ST W | 1915L K7RFO 146.85 |
| 67 AUSTIN CH | SAT | 0900L N5WU 3920 | 191 MONTEREY BAY CH | TUES | 1930L W6TUW 146.70 |
| 70 NATIONAL CAPITAL | THUR | VE3QCW 147.03 | 192 PUERTO RICO CH | WED | 1900Z VARIES 146.850 |
| 73 SOUTHERN ONTARIO | SUN | 0900L VE3AGS 3773 | 194 HAWAII CH | 1st S | 1500L VARIES 7088 |
| 75 CENTRAL CA COAST | SAT | 0800L VARIES 3917 | 195 SUN CITY CH | SAT | 0900L VARIES 145.29 |
| 76 BLUE RIDGE CH | SAT | 1000L W4LSK 3930 | 196 EDISON CH | DAILY | 0730L VARIES 147.345 |
| 77 NORTHERN NJ | SUN | 1300L N2XJ 3917 | 196 EDISON CH | DAILY | 0730L VARIES 147.345 |
| 77 NORTHERN NJ | THUR | W2IET 147.030 | 198 MID SIERRA CH | SAT | 0700L W6JTA 3906 |
| 79 SUNFLOWER CH | WED | 2100L VARIES 146.82 | 199 PHIL LEIBLE CH | SUN | 0930L WA0ZNI 3905 |
| 81 LONG ISLAND QCWA CH | SUN | 1130L W2TLC 3917 | 203 GILBERT CROSSLEY | 2WED | 2000E VARIES 146.85 |

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WANTED: COLLINS KWM-380, Davco DR-30 Drake DSR-1, 2, R7, 1A; Squires Sanders Receiver; Hallicrafters SX-88, SX-73, SX-115; Pre WWII Military: Steve, K6PFW, 848 N. Silverwood, Upland, Ca. 91786, Ph. 909-985-1062, E-mail: wsbarnes@eee.org.

WANTED: Top \$ Paid for Philmore CR5A RX; WRL CW-7 SMTR and International crystal 40-80 mtr XMTR. K3OMI Gary Wagner, 11124 Oak Hollow Rd., Knoxville, TN 37932 (865-690-4217).

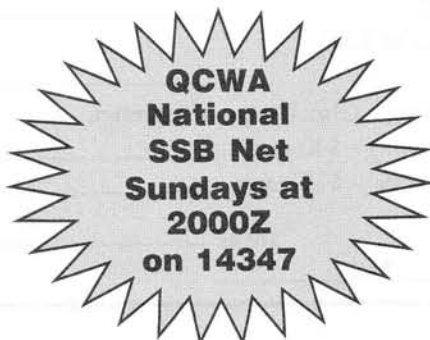
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I wish to become affiliated with QCWA Chapter _____
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Present occupation/business _____
If retired, what was major life work? _____
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Your signature _____

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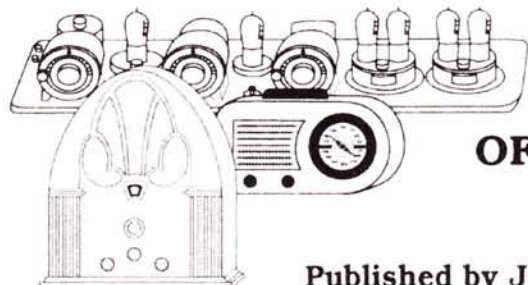
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